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WATER SURVEY OF CANADA. SURFACE WATER DATA :
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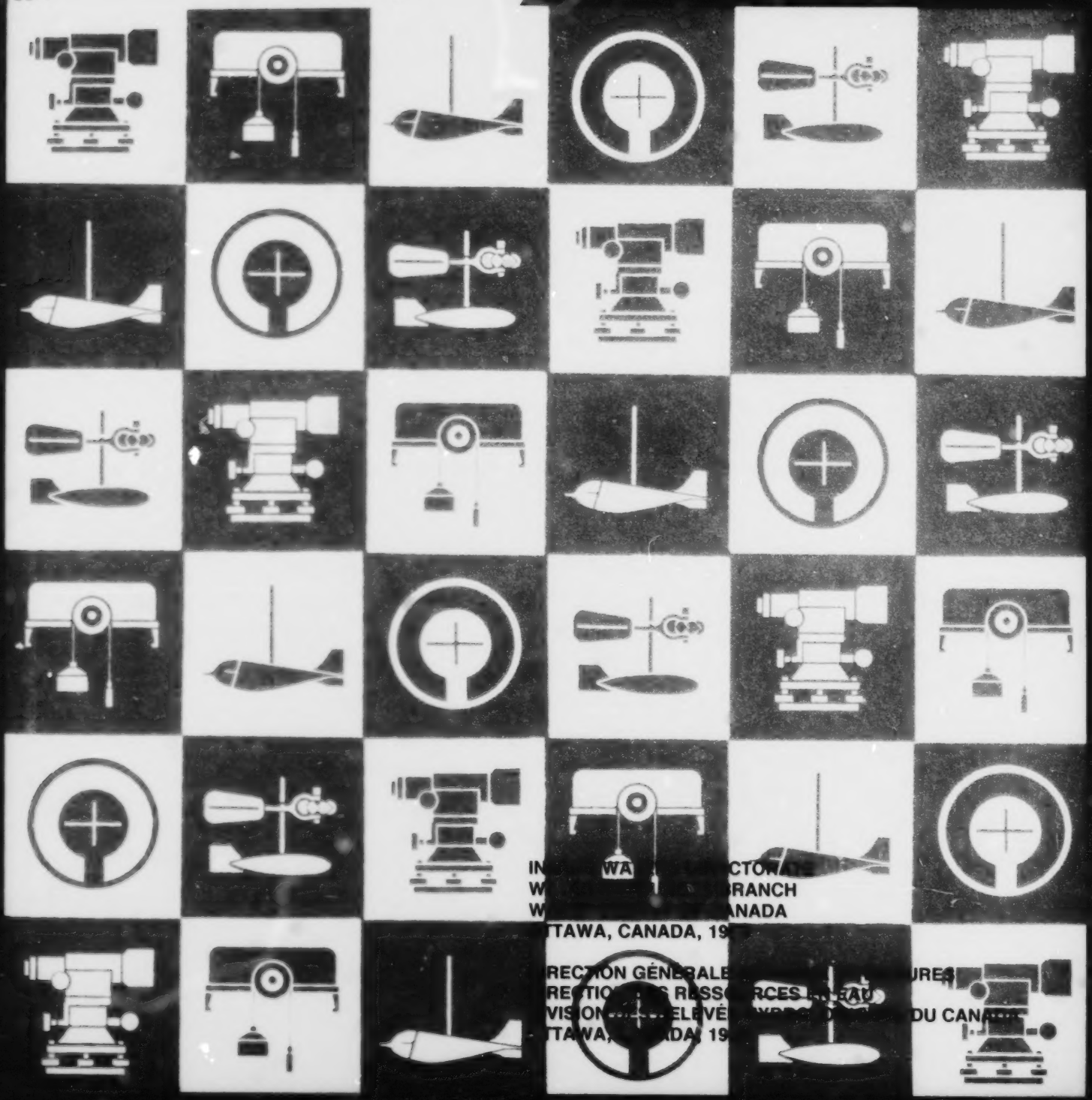
Surface Water Data

Yukon and Northwest Territories

Donnees sur les eaux de surface

Yukon et Territoires du Nord-Ouest

1989



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Environment Canada | Environnement Canada

Surface Water Data

Yukon and Northwest Territories

Données sur les eaux de surface

Yukon et Territoires du Nord-Ouest

1989

INLAND WATERS DIRECTORATE
WATER RESOURCES BRANCH
WATER SURVEY OF CANADA
OTTAWA, CANADA, 1990

DIRECTION GÉNÉRALE DES EAUX INTÉRIEURES
DIRECTION DES RESSOURCES EN EAU
DIVISION DES RELEVÉS HYDROLOGIQUES DU CANADA
OTTAWA, CANADA, 1990

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PREFACE

This publication was prepared by personnel of the Water Survey of Canada Division under the direction of the Director, Water Resources Branch, Department of the Environment, Ottawa.

The basic data were collected and compiled under the supervision of the Chief, N.W.T. Programs, Yellowknife, N.W.T. and the Regional Chief of the Water Resources Branch at Vancouver, British Columbia.

The co-operation received from provincial agencies and from other organizations is gratefully acknowledged.

PRÉFACE

La Division des relevés hydrologiques du Canada, sous l'autorité du Directeur des ressources en eau du ministère de l'Environnement (Ottawa), a préparé la présente publication.

On a recueilli et compilé les données de base sous la supervision Chef des programmes des T.N.-O. Yellowknife (T.N.-O.) et du Chef régional de la Direction des ressources en eau, à Vancouver (Colombie-Britannique).

On remercie vivement les organismes provinciaux, ou autres, pour la coopération qu'ils ont apportée.

CONTENTS

	PAGE
Preface	iii
Introduction	iv
Organization and History of Hydrometric Survey Operations	v
Co-operation and Acknowledgments	v
Equivalents of Measure	vi
Definition of Terms and Abbreviations	vii
Publication of Surface Water and Sediment Data	vii
Method of Tabulation of Surface Water Data	ix
Revisions	xi
Accuracy of Hydrometric Data	xii
Surface Water Data, Gauging Stations in Alphabetical Order	
Yukon Territory	1
Northwest Territories	37
Alphabetical Index	107
Station Number Index	111

TABLE DES MATIÈRES

	PAGE
Préface	iii
Introduction	iv
Organisation et historique des relevés hydrométriques	v
Coopération et remerciements	v
Équivalences des unités de mesure	vi
Définitions des termes et abréviations	vii
Publication des données sur les eaux de surface et les sédiments	vii
Présentation sous forme de tableaux des données sur les eaux de surface	ix
Révisions	xi
Exactitude des données hydrométriques	xii
Données sur les eaux de surface – Stations de jaugeage énumérées dans l'ordre alphabétique	
Territoire du Yukon	1
Territoires du Nord-Ouest	37
Index alphabétique	107
Index numérique des stations	111

INTRODUCTION

The Water Resources Branch of the Department of the Environment herein presents for the 1989 calendar year, the results of the hydrometric survey investigations which were made in the Yukon and Northwest Territories by the Water Survey of Canada.

Details on individual stations and related records, as well as recent data which have not yet been published, may be obtained upon application to:

Chief, N.W.T. Programs,
Inland Waters Directorate,
Department of the Environment,
P.O. Box 2970,
Yellowknife, N.W.T.
X1A 2R2
(403 920-8500)

Water Resources Branch,
Department of the Environment,
Room 502,
1001 West Pender Street,
Vancouver, B.C.
V6E 2M9
(604 666-3606)

or to the Water Resources Branch, Department of the Environment, Ottawa, Ontario, K1A 0H3 (819 997-2098).

INTRODUCTION

La Direction des ressources en eau du ministère de l'Environnement présente, pour l'année civile 1989, les résultats des relevés hydrométriques que la Division des relevés hydrologiques du Canada a effectués au Yukon et dans les Territoires du Nord-Ouest.

En s'adressant aux endroits ci-après, on peut obtenir des renseignements supplémentaires sur certaines stations particulières et divers relevés, ainsi que des données récentes non encore publiées:

Chef des programmes des T.N.-O.
Direction générale des eaux intérieures
Ministère de l'Environnement
C.P. 2970
Yellowknife (T.N.-O.)
X1A 2R2
(403 920-8500)

Direction des ressources en eau
Ministère de l'Environnement
502 - 1001, rue Pender ouest
Vancouver (C.-B.)
V6E 2M9
(604 666-3606)

ou au Direction des ressources en eau, ministère de l'Environnement, Ottawa (Ontario), K1A 0H3 (819 997-2098).

ORGANIZATION AND HISTORY OF HYDROMETRIC SURVEY OPERATIONS

During 1989, the hydrometric surveys in the Yukon and Northwest Territories were conducted by the Water Survey of Canada under agreement with the Department of Indian Affairs and Northern Development.

In the Northwest Territories information on water levels is available at a few locations primarily in connection with navigation, as early as 1934 but it was not until 1944 that the Dominion Water and Power Bureau of the federal government started a regular hydrometric survey program. Similarly, in the Yukon Territories, some early records are available, the earliest being in 1902 on the Yukon River, collected by the navigation company, but it was not until 1944 that regular hydrometric work was started by the federal government. On April 1, 1975 by an exchange of letters the Ministers of Fisheries and the Environment and Indian Affairs and Northern Development agreed to share the cost of hydrometric survey programs for the Yukon and Northwest Territories. The agreements provide that the Water Survey of Canada will conduct the hydrometric surveys and that Co-ordinating Committees for the Yukon and Northwest Territories will review and plan the survey network.

ORGANISATION ET HISTORIQUE DES RELEVÉS HYDROMÉTRIQUES

En 1989, la Division des relevés hydrologiques du Canada a effectué des relevés hydrométriques au Yukon et dans les Territoires du Nord-Ouest en vertu d'un accord conclu avec le ministère des Affaires indiennes et du Nord.

Dans les Territoires du Nord-Ouest, les premiers relevés sur les niveaux d'eau, qui découlent des opérations de navigation en certains endroits, datent de 1934; le Bureau fédéral de l'eau et de l'énergie n'a entrepris sont programme continu d'observations qu'en 1944. De façon analogue, c'est en 1944 que le gouvernement fédéral a mis sur pied un programme permanent de mesures au Yukon; toutefois, certains relevés antérieurs sont disponibles et les premiers datent de 1902 alors que la compagnie de navigation effectuait des lectures sur le fleuve Yukon. Le 1er avril 1975, par un échange de lettres, les Ministres des Pêches et de l'Environnement et des Affaires indiennes et du Nord ont accepté de partager le coût des relevés hydrométriques au Yukon et dans les Territoires du Nord-Ouest. Selon les dispositions prises, la Division des relevés hydrologiques du Canada dirigera les relevés hydrométriques tandis que les Comités de coordination pour le Yukon et les Territoires du Nord-Ouest s'occuperont de la révision des relevés et de la planification du réseau de mesures.

CO–OPERATION AND ACKNOWLEDGMENTS

Co-operative undertakings with other agencies form an important part of the activities of the Water Survey of Canada. Close co-operation has been maintained with public agencies and private organizations concerned with water resources. Runoff and other data have been mutually exchanged and stream-gauging operations have been facilitated by the assistance received from a number of organizations.

On waters adjacent to the International Boundary, certain gauging stations are maintained by Canada (or the United States) under agreement with the United States (or Canada) and the records are collected and compiled in a manner equally acceptable to both countries. These stations are designated as "International Gauging Stations" in this publication.

For the valuable assistance and co-operation received in obtaining hydrometric survey records, the Water Survey of Canada is indebted to the following organizations:

Federal – Ministry of Transport;
United States Geological Survey.

Territorial – The Yukon Electrical Company Ltd.

COOPÉRATION ET REMERCIEMENTS

Le travail entrepris en coopération avec d'autres organismes représente une partie importante des activités de la Division des relevés hydrologiques du Canada. On a maintenu une étroite collaboration avec les organismes, publics ou privés, qui s'intéressent aux ressources en eau. On a échangé des données portant sur l'écoulement ou sur d'autres points, et l'assistance fournie par beaucoup d'organismes a facilité les opérations de jaugeage.

Pour ce qui est des eaux adjacentes à la frontière internationale, certaines stations de jaugeage dépendent du Canada (ou des États-Unis) suite à un accord avec les États-Unis (ou le Canada), et les relevés sont faits et compilés de façon à satisfaire les deux pays. Ces stations sont nommées «Stations internationales de jaugeage».

La Division des relevés hydrologiques du Canada est redevable aux organismes suivants de l'aide et de la collaboration précieuses qu'ils lui ont apportées lors de la prise des relevés hydrométriques:

Niveau fédéral – Ministère des transports,
United States Geological Survey.

Territorial – *The Yukon Electrical Company Ltd.*

EQUIVALENTS OF MEASURE

The following list of convenient equivalents of measure includes the relationship between imperial units and the International System of Units (SI).

1 inch equals 2.54 cm (centimetres)
1 foot equals 0.3048 m (metre)
1 statute mile equals 1.6093 km (kilometres)

1 cm (centimetre) equals 0.393 70 inch
1 m (metre) equals 3.2808 feet
1 km (kilometre) equals 0.621 37 mile

1 acre equals 43 560 square feet
1 acre equals 0.404 69 ha (hectare)
1 square mile equals 640 acres
1 square mile equals 2.5900 km^2 (square kilometres)
1 square mile equals 259.0 ha (hectares)

1 ha (hectare) equals 10 000 m^2 (square metres)
1 ha (hectare) equals 2.4710 acres
1 km^2 (square kilometre) equals 0.386 10 square mile

1 cubic foot equals 6.2288 imperial gallons
1 imperial gallon equals 4.546 09 L (litres)
1 imperial gallon equals 1.2010 U.S. gallons
1 U.S. gallon equals 0.133 68 cubic foot
1 cubic foot equals 0.028 317 m^3 (cubic metre)
1 m^3 (cubic metre) equals 35.315 cubic feet
1 dam^3 (cubic decametre) equals 1000 m^3 (cubic metres)
1 dam^3 (cubic decametre) equals 1 mm (millimetre) over 1 km^2 (square kilometre)

1 cubic foot per second for one day equals 1.9835 acre-feet
1 cubic foot per second for one day covers one square mile to a depth of 0.037 19 inch
1 acre-foot equals 1.2335 dam^3 (cubic decametres)
1 m^3/s (cubic metre per second) for one day equals 86.4 dam^3 (cubic decametre)
1 m^3/s (cubic metre per second) for one day covers one square kilometre to a depth of 0.0864 m (metre)

1 foot per second equals 0.6818 mile per hour
1 mile per hour equals 1.467 feet per second
1 m/s (metre per second) equals 3.6 km/h (kilometre per hour)
1 km/h (kilometre per hour) equals 0.2778 m/s (metre per second)

1 cubic foot per second equals 0.028 317 m^3/s (cubic metre per second)
1 m^3/s (cubic metre per second) equals 35.315 cubic feet per second

1 pound equals 0.453 59 kg (kilogram)
1 kg (kilogram) equals 2.2046 pounds

1 short ton (2000 pounds) equals 0.907 18 t (tonne)
1 t (tonne) equals 2204.6 pounds

degrees Celsius = 5/9 (degrees Fahrenheit - 32)
degrees Fahrenheit = 9/5 (degrees Celsius) + 32

ÉQUIVALENCES DES UNITÉS DE MESURE

Voici une liste des unités de mesure impériales et leurs équivalences dans le Système international d'unités (SI).

1 pouce vaut 2.54 cm (centimètres)
1 pied vaut 0.3048 m (mètre)
1 mille terrestre équivaut à 1.6093 km (kilomètre)

1 cm (centimètre) équivaut à 0.393 70 pouce
1 m (mètre) équivaut à 3.2808 pieds
1 km (kilomètre) équivaut à 0.621 37 mille

1 acre vaut 43 560 pieds carrés
1 acre équivaut à 0.404 69 ha (hectare)
1 mille carré vaut 640 acres
1 mille carré équivaut à 2.5900 km^2 (kilomètres carrés)
1 mille carré équivaut à 259.0 ha (hectare)

1 ha (hectare) vaut 10 000 m^2 (mètres carrés)
1 ha (hectare) équivaut à 2.4710 acres
1 km^2 (kilomètre carré) équivaut à 0.386 10 mille carré

1 pied cube équivaut à 6.2288 gallons impérials
1 gallon impérial vaut 4.546 09 L (litres)
1 gallon impérial équivaut à 1.2010 gallon américain
1 gallon américain équivaut à 0.133 68 pied cube
1 pied cube vaut 0.028 317 m^3 (mètre cube)
1 m^3 (mètre cube) vaut 35.315 pieds cubes
1 dam^3 (décamètre cube) vaut 1000 m^3 (mètres cubes)
1 dam^3 (décamètre cube) vaut 1 mm (millimètre) qui couvre 1 km^2 (kilomètre carré)

1 pied cube par seconde pendant un jour équivaut à 1.9835 acre-pied
1 pied cube par seconde pendant un jour équivaut à un volume d'un mille carré par 0.037 19 pouce
1 acre-pied équivaut à 1.2335 dam^3 (décamètres cubes)
1 m^3/s (mètre cube par seconde) pour un jour vaut 86.4 dam^3 (décamètre cube)
1 m^3/s (mètre cube par seconde) pour un jour couvre un kilomètre carré à une profondeur de 0.0864 m (mètre)

1 pied par seconde équivaut à 0.6818 mille par heure
1 mille par heure équivaut à 1.467 pied par seconde
1 m/s (mètre par seconde) vaut 3.6 km/h (kilomètre par heure)
1 km/h (kilomètre par heure) vaut 0.2778 m/s (mètre par seconde)

1 pied cube par seconde équivaut à 0.028 317 m^3/s (mètre cube par seconde)
1 m^3/s (mètre cube par seconde) équivaut à 35.315 pieds cubes par seconde

1 livre équivaut à 0.453 59 kg (kilogramme)
1 kg (kilogramme) équivaut à 2.2046 livres

1 tonne courte (2000 livres) équivaut à 0.907 18 t (tonne)
1 t (tonne) équivaut à 2204.6 livres

degrés Celsius = 5/9 (degrés Fahrenheit - 32)
degrés Fahrenheit = 9/5 (degrés Celsius) + 32

DEFINITION OF TERMS AND ABBREVIATIONS

"Control" is the condition downstream from a gauging station that determines the stage-discharge relationship. It may be a stretch of rapids, a weir or other artificial structure. In the absence of such features, the control may be a less obvious condition such as a convergence of the channel or even simply the resistance to flow through a downstream reach. A shifting control exists where the stage-discharge relationship tends to change because of impermanent bed or banks.

"Cubic metres per second" (m^3/s) is a unit expressing rate of discharge. One cubic metre per second is equal to one cubic metre of water flowing past a particular point in one second. This is the basic unit in general use, other units being computed from it by the use of factors as given in the previous paragraph under "Equivalents of Measure".

"Gauging station" is a location where systematic records of stage or stage and discharge are obtained.

"Miscellaneous (or related) data" is all data not published in the regular series of hydrometric and sediment data publications such as unpublished water levels and the various parameters that are measured in obtaining discharge measurements, e.g. water depth, velocity, width, air and water temperatures, ice thickness. This also includes discharge measurements and water level and sediment observations obtained at locations which are not regular gauging stations. Various types of "derived" data could also be considered "miscellaneous", such as water levels and discharges at selected time intervals (usually hourly).

"Stage-discharge relationship" is the relation between the water level and the discharge at a gauging station.

PUBLICATION OF SURFACE WATER AND SEDIMENT DATA

Surface Water Data have been published in a variety of formats in imperial units since 1908 in approximately 300 publications which are now mostly out-of-print. Commencing with the 1979 publications, data are presented in the International System of Units (SI). However, the format has remained the same wherein Canada is divided into eight regions. The provinces each represent a separate region except for New Brunswick, Newfoundland, Nova Scotia and Prince Edward Island which together form the Atlantic Provinces region, and the Yukon and Northwest Territories which make up another. The publications are identified by the province(s) or territories covered and the year in which data were collected. These data are published annually on a calendar-year basis and the stations are listed alphabetically, with two years of data per page.

DÉFINITIONS DES TERMES ET ABRÉVIATIONS

«Élément régulateur» – élément qui conditionne l'écoulement en aval d'une station de jaugeage et qui détermine la relation hauteur-débit au niveau de la station. Ce peut être une série de rapides, un déversoir ou toute autre structure artificielle. En l'absence de ces structures, l'élément régulateur peut provenir d'une condition moins apparente comme le rétrécissement d'un chenal ou simplement la résistance à l'écoulement d'un tronçon situé en aval. Il y a élément régulateur changeant quand la relation hauteur-débit tend à être modifiée par un lit ou des rives instables.

«Mètres cubes par seconde» (m^3/s) – unité du taux d'écoulement. Un mètre cube par seconde équivaut à un mètre cube d'eau s'écoulant en un point donné en une seconde. C'est l'unité de base généralement employée, les autres unités dérivées à partir de celle-ci sont données sous la rubrique «Équivalences des unités de mesure».

«Station de jaugeage» – lieu où l'on effectue des relevés systématiques de la hauteur ou de la hauteur et du débit de l'eau.

«Les données diverses (ou connexes)» – représentent toutes les données qui ne sont pas publiées dans les séries régulières des publications sur les données hydrométriques et les sédiments, par exemple celles des niveaux des eaux et des autres paramètres qui sont mesurés en même temps que le débit, soit la profondeur de l'eau, sa vitesse, son étendue, la température de l'eau et de l'air, l'épaisseur de la glace. Les mesures de débit ainsi que les observations sur les niveaux des eaux et les sédiments, obtenues à des emplacements autres que les stations régulières de jaugeage, sont aussi incluses. D'autres types de données «dérivées» pourraient aussi être classées dans cette catégorie de données «diverses», à savoir les niveaux des eaux et les débits observés à des intervalles de temps précis (en général, toutes les heures).

«Relation hauteur-débit» – relation qui existe entre la hauteur et le débit au niveau d'une station de jaugeage.

PUBLICATION DES DONNÉES SUR LES EAUX DE SURFACE ET LES SÉDIMENTS

Depuis 1908, les *Données sur les eaux de surface* ont été publiées, en utilisant diverses formules et en ayant recours au système d'unités impériales, dans quelque 300 publications lesquelles sont pour la plupart épuisées. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Toutefois, la présentation est toujours la même, c'est-à-dire que le Canada est divisé en huit régions. Chaque province représente une région distincte sauf le Nouveau-Brunswick, la Terre-Neuve, la Nouvelle-Écosse et l'Île-du-Prince-Édouard qui constituent la région des provinces de l'Atlantique, comme c'est le cas aussi pour le Yukon et les Territoires du Nord-Ouest qui sont réunis en une seule région. Les publications sont identifiées par le nom des provinces ou territoires concernés et par l'année de la cueillette des données. Les données sont publiées annuellement, en fonction de l'année civile, et les stations sont classées par ordre alphabétique, chaque page de données couvrant deux années.

The first edition of a *Surface Water Data Reference Index* was published for data to 1966 by province or region. Subsequent editions were published annually or biennially in one publication for Canada. Commencing with the 1979 publication, data are presented in the International System of Units (SI) and future editions will be published biennially. Gauging stations are listed by province or territory, in upstream to downstream order. Coloured maps showing the locations of both active and the discontinued stations were included in the first and second editions and were provided in a separate Hydrometric Map Supplement to the 1972 and the 1977 editions. The latest editions of the Reference Index and the Hydrometric Map Supplement supersede all previous editions.

The first edition of a publication series titled *Historical Streamflow Summary* was produced for data to 1970. Subsequent editions have been published every three years. This publication series contains a summary of historical monthly and annual mean discharges and annual extremes for the entire period of record for all stations where streamflow data have been collected during the history of the Water Survey of Canada. Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI). Editions subsequent to 1982 will be published every two years. The latest edition supersedes all previous editions, since it contains any corrections or additions since the last publication.

The first edition of a publication series titled *Historical Water Levels Summary* was produced for data to 1976. This publication series contains a summary of historical monthly and annual mean water levels and annual extremes for the period of record for all stations on lakes or reservoirs where water level data have been collected during the history of the Water Survey of Canada. It also contains a summary of water level data for all stations on rivers where "water levels only" were collected or for certain stations on rivers where streamflow data are collected, but the historical water level information is considered to be of sufficient demand to warrant inclusion in the publication (daily water levels for stations where streamflow data are collected are not normally published in the annual Surface Water Data publications). Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI). Editions subsequent to 1983 will be published every two years. The latest edition supersedes all previous editions, since it contains any corrections or additions since the last publication.

During the years 1948 to 1960, some sediment data were collected for several Prairie rivers to meet the needs of particular projects. The first Water Resources Paper series containing sediment data incorporated a selection of these data and also data for part of the year ending September 30, 1961, at stations established for the continuing program. The second issue was a biennial publication covering only the continuing program for the 1962 and 1963 water years. All subsequent editions titled *Sediment Data Canadian Rivers* have been published annually. The sediment data since 1978 have been presented entirely in the International System of Units (SI).

La première édition de l'*Index de référence des données sur les eaux de surface* comprenait les données disponibles jusqu'en 1966, de chaque province ou région. Les éditions subséquentes étaient publiées annuellement ou tous les deux ans en une seule publication pour tout le Canada. À partir de 1979, les données sont fournies dans le Système international d'unités (SI) et les éditions subséquentes vont paraître tous les deux ans. Les stations de jaugeage sont présentées par province ou territoire et placées dans l'ordre de leur position, d'amont en aval. Des cartes en couleurs, qui indiquent l'emplacement des stations hydrométriques en service, y compris celles qui ne le sont plus, ont paru dans les première et deuxième éditions ainsi que dans le *Supplément de cartes hydrométriques* de 1972 et de 1977. L'édition la plus récente de l'*Index de référence* et celle du *Supplément de cartes hydrométriques* annulent les éditions antérieures.

La première édition d'une série de publications intitulée *Sommaire chronologique de l'écoulement* renfermait les données disponibles jusqu'en 1970. Les éditions subséquentes étaient publiées tous les trois ans. Cette série de publications renferme un résumé des moyennes mensuelles et annuelles des débits ainsi que les débits extrêmes annuels pour toute la période d'enregistrement et pour toutes les stations où des données de débit sont recueillies par la Division des relevés hydrologiques du Canada. Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Les éditions subséquentes à 1982 vont paraître tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

La première édition d'une série de publications intitulée *Sommaire chronologique des niveaux d'eau* comprenait les données disponibles jusqu'en 1976. Cette série de publications contient un résumé des niveaux moyens mensuels et annuels ainsi que des niveaux extrêmes annuels pour la période d'enregistrement pour toutes les stations de lacs ou de réservoirs où des données sur les niveaux d'eau sont recueillies par la Division des relevés hydrologiques du Canada. Elle renferme également un résumé des niveaux d'eau pour toutes les stations de rivières effectuant «uniquement» des relevés de niveaux d'eau ou pour certaines stations de rivières où des données de débit sont recueillies de même que des données sur les niveaux d'eau qui peuvent répondre aux besoins des utilisateurs (en général, les niveaux d'eau quotidiens de stations effectuant des relevés de débit ne sont pas publiées dans les publications annuelles des données sur les eaux de surface). Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Les éditions subséquentes à 1983 vont paraître tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

De 1948 à 1960, on a recueilli des données pour plusieurs cours d'eau des Prairies en prévision de la réalisation de certains projets. La première publication contenant des données sur les sédiments a paru dans la série intitulée *Water Resources Paper*; elle présentait un choix de ces données ainsi que des données recueillies en 1961 avant le 30 septembre à des stations établies pour la réalisation du programme permanent. La deuxième publication a porté sur les données recueillies dans le cadre du programme au cours des années hydrologiques 1962 et 1963. Par la suite, les données ont été publiées annuellement sous le titre *Données sur les sédiments - rivières canadiennes*. Depuis 1978, les données sont exprimées en unités du Système international (SI).

Commencing with 1984, the *Sediment Data* are presented and published in a new format wherein Canada is divided into eight regions. The provinces each represent a separate region except for New Brunswick, Newfoundland, Nova Scotia and Prince Edward Island, which together form the Atlantic Provinces region, and the Yukon and Northwest Territories which make up another. The publications are identified by the province or territories covered and the year in which the data were collected. These data are published annually on a calendar-year basis and the stations are listed alphabetically.

The first edition of a *Sediment Data Reference Index* was published for data to 1972. It contains a tabulation of locations in Canada where sediment data were collected by the Water Survey of Canada. The index has been subdivided alphabetically by province or territory, with sediment survey stations also listed alphabetically. Commencing with the 1978 publication, data are presented in the International System of Units (SI) and will continue to be published biennially. The latest edition supersedes all previous editions because it contains any corrections or additions since the last publication.

The first edition of a new publication series titled *Historical Sediment Data Summary for Canadian Rivers* was produced for data to 1974. This publication contains a summary of historical monthly and annual mean suspended sediment load, and annual extremes of daily suspended sediment concentration and loads and total annual suspended load. Commencing with the 1978 publication, data are presented entirely in the International System of Units (SI). This publication has been discontinued, as much of the information is now included in the new annual *Sediment Data* publication.

METHOD OF TABULATION OF SURFACE WATER DATA

For gauging stations where a systematic record of water level or discharge was obtained during the year under review, the following are given where available:

1. Table of daily water level or discharge;
2. Summary of monthly and annual data;
3. Descriptive information.

1. *The table of daily water level* or *discharge* gives the daily water level in metres or the daily discharge in cubic metres per second at the gauging station.

The following standard symbols are used opposite the daily stage or discharge to which they apply:

A – Manual Gauge – indicates that one or more manual gauge observations per day were obtained and used as the mean for the day for a gauging station equipped with a recording gauge. This symbol is used during open-water periods only.

B – Ice Conditions – indicates that for a gauging station where discharge data are obtained the presence of ice has affected the stage-discharge relationship.

E – Estimated – indicates any estimated data. It indicates that the value was determined by some indirect method such as interpolation, extrapolation, estimation from a graph of observed readings, comparison with other streams or by comparison with meteorological data.

En 1984, la présentation des données a été modifiée. Le Canada a été divisé en huit régions, une région pour chaque province, sauf le Nouveau-Brunswick, Terre-Neuve, la Nouvelle-Écosse et l'Île-du-Prince-Édouard qui, ensemble, forment la région des provinces de l'Atlantique, et les Territoires du Yukon et du Nord-Ouest, qui forment une autre région. Les publications sont nommées selon la région couverte et l'année des données (année civile). Ces publications sont annuelles. Les stations y sont présentées par ordre alphabétique.

Un *Index de référence des données sur les sédiments* est publié. La première édition portait sur les données disponibles jusqu'en 1972. Les emplacements où des données sur les sédiments ont été recueillies au Canada par la Division des relevés hydrologiques y sont présentés sous forme de tableau. L'*Index* est subdivisé selon l'ordre alphabétique par province ou territoire, et les stations de mesure des sédiments sont classées par ordre alphabétique. À partir de 1978, les données sont exprimées en unités du Système international (SI). L'*Index* est publié tous les deux ans; l'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour effectuées depuis la dernière parution.

Une autre série de publications a porté le titre *Sommaire chronologique des données sur les sédiments de rivières canadiennes*. La première édition renfermait les données disponibles jusqu'en 1974. Cette série présentait un résumé donnant les moyennes mensuelles et annuelles historiques du débit des sédiments en suspension, les valeurs annuelles extrêmes de la concentration journalière et du débit journalier des sédiments en suspension et le débit annuel total des sédiments en suspension. À partir de 1978, les données ont été présentées en unités du Système international (SI). Cette série a été abandonnée, car une bonne partie de l'information est maintenant contenue dans la nouvelle publication annuelle intitulée *Données sur les sédiments*.

PRÉSENTATION SOUS FORME DE TABLEAUX DES DONNÉES SUR LES EAUX DE SURFACE

Pour les stations de jaugeage où on a effectué, au cours de l'année étudiée, un relevé systématique du débit ou du niveau, les données suivantes sont présentées, pour autant qu'elles soient disponibles:

1. un tableau du niveau ou du débit quotidien;
2. un extrait des données mensuelles et annuelles;
3. des renseignements descriptifs.

1. *Le tableau du niveau* ou *du débit quotidien* donne la hauteur des eaux, en mètres ou le débit, en mètres cubes par seconde, mesuré à la station de jaugeage.

Les symboles normalisés donnés ci-après sont inscrits à côté des valeurs auxquelles ils se rapportent:

A – Jauge manuelle – indique qu'on a effectué à une station de jaugeage dotée d'une jauge enregistreuse au moins une observation par jour à l'aide d'une jauge manuelle et qu'on s'en est servi comme moyenne pour la journée en question. Le symbole n'est employé qu'au cours de périodes d'eau libre.

B – Glaces – indique, pour les données portant sur le débit, que la présence de glaces à la station de jaugeage a faussé la relation hauteur-débit.

E – Estimatives – indique une donnée estimative, c'est-à-dire qu'on a déterminé la valeur de façon indirecte, par exemple par interpolation, extrapolation, à l'aide de graphique, ou par comparaison avec d'autres cours d'eau ou avec des données météorologiques.

2. *A summary of monthly and annual data* is given below the table of daily data.

For stations where only water level data are obtained, both a monthly and annual summary are given.

The monthly summary gives:
(a) the mean water level in metres for complete months;
(b) the maximum and minimum daily water level in metres.

The summary for the year gives:
(a) the mean water level in metres for complete years;
(b) the maximum and minimum daily water levels and their dates of first occurrence where applicable;
(c) the maximum instantaneous water level and the time of occurrence where available.

For stations where discharge data are collected, both a monthly and annual summary are given.

The monthly summary gives:
(a) the total of the daily discharge values for complete months;
(b) the mean discharge in cubic metres per second;
(c) the total discharge in cubic decametres;
(d) the maximum and minimum daily discharges in cubic metres per second.

The summary for the year or period gives:
(a) the mean discharge in cubic metres per second;
(b) the total discharge in cubic decametres;
(c) the maximum and minimum daily discharges and their dates of first occurrence;
(d) the maximum instantaneous discharge and the time of occurrence, where available.

3. *The descriptive information* about the gauging station is also given below the table of daily data and will indicate the following where applicable:

International Gauging Stations – on waters adjacent to the international boundary, certain gauging stations have been designated as "International" and records are approved jointly. Differences between figures published herein and corresponding figures in United States Water Supply Papers are due to variations in automated data processing techniques.

Type of Gauge – refers to the installation or method used to obtain water level or discharge data:

(a) Manual – a non-recording type of gauge from which observations of stage normally are obtained once daily.
(b) Recording – a water-stage recorder from which continuous water levels are obtained on an analog chart. For most International Gauging Stations located in the United States, water level records are obtained utilizing a digital recorder.
(c) Power Plant Rating – this indicates that records were obtained using the latest available rating of the Power Plant.

2. *Un extrait des données mensuelles et annuelles* est donné au-dessous du tableau des données quotidiennes.

Les extraits mensuels et annuels sont présentés dans le cas des stations où on n'a mesuré que le niveau.

L'extrait mensuel donne:
(a) le niveau moyen en mètres pour le mois entier, et
(b) les niveaux quotidiens maximal et minimal en mètres.

L'extrait annuel donne:
(a) le niveau moyen en mètres pour l'année entière;
(b) les niveaux quotidiens maximal et minimal ainsi que les dates de leur première observation, s'il y a lieu, et
(c) le niveau maximal instantané et l'heure de l'observation, s'il y a lieu.

Les extraits mensuels et annuels sont présentés dans le cas des stations où on n'a mesuré que le débit.

L'extrait mensuel donne:
(a) le total des valeurs quotidiennes du débit, pour le mois entier;
(b) le débit moyen en mètres cubes par seconde;
(c) le débit total en décamètres cubes, et
(d) les débits quotidiens maximal et minimal en mètres cubes par seconde.

L'extrait annuel ou périodique donne:
(a) le débit moyen en mètres cubes par seconde;
(b) le débit total en décamètres cubes;
(c) les débits quotidiens maximal et minimal ainsi que les dates de première observation, s'il y a lieu, et
(d) le débit maximal instantané et l'heure de l'observation, s'il y a lieu.

3. *Les renseignements descriptifs* sur les stations de jaugeage sont également présentés sous le tableau des données quotidiennes et apportent les précisions qui suivent, s'il y a lieu:

Stations internationales de jaugeage (International Gauging Stations) – Dans les eaux contiguës aux frontières, on a désigné certaines stations comme «internationales», et les données prélevées sont approuvées par les pays concernés. Les différences entre les chiffres publiés dans la présente publication et les *United States Water Supply Papers* proviennent de variantes dans les techniques de traitement automatique des données.

Type de jauge (Type of Gauge) – Il s'agit des jauges ou des méthodes de jaugeage utilisées pour obtenir les données sur le niveau et le débit d'un cours d'eau:

(a) Manuelle (Manual) – indique qu'un appareil non enregistreur sert à obtenir une fois par jour les données sur le niveau et le débit d'un cours d'eau.
(b) Enregistreuse (Recording) – indique qu'un limnigraphe permet de mesurer de façon continue le niveau des eaux tracé sur une carte analogique. La plupart des stations internationales de jaugeage des États-Unis obtiennent les données sur le niveau des eaux à l'aide d'un enregistreur numérique.
(c) Régime des stations hydrauliques (Power Plant Rating) – indique qu'on a obtenu les données grâce aux valeurs les plus récentes des régimes mesurés dans les stations hydrauliques.

Location – the latitude and longitude co-ordinates of the location of the gauge are given. For stations where the gauge is located an appreciable distance from the discharge measurement section, these co-ordinates give the location of the discharge measurement section.

Drainage Area – this is the latest available drainage area and refers to that area enclosed by a topographic divide such that direct surface runoff from precipitation would drain by gravity into the stream upstream from the location of the station. For a gauging station on a lake, this refers to the total drainage area at the outlet of the lake.

Contributed Data – if data were supplied in their entirety by an outside agency, the name of the co-operating agency is given.

Natural Flow or *Regulated* – where the flow is known to be natural, this is indicated. The flow of water in many river systems is affected by upstream regulation. In some cases, the extent of this regulation is not known and therefore is not indicated. However, where the regulation is known to be "appreciable", this is indicated as well as the year that the regulation began, if known.

Gauge Datum – for stations where only water level data are available, the name of the datum, to which water levels are referred, is given as well as an equation to convert to another datum if applicable. Detailed information on the description of the bench marks to which water levels are referred is available from the appropriate Regional Chief.

Remarks – unusual conditions which occur at a station are explained.

REVISIONS

A number of corrections or revisions have been made to previously published data. Many of these were required because of typographical or computational errors which were exposed when daily discharges were stored on magnetic tape and monthly means were re-calculated by computer. Other errors were discovered or different interpretations of basic data were made during the systematic review of historical streamflow data presently underway, for example, these revisions may have been justified because a more reliable stage-discharge relationship had been developed.

Revisions to daily discharges or daily water levels are not published at present. However, those stations where a systematic review has been conducted are identified in the Surface Water Data Reference Index publication. The Historical Streamflow Summary publications contain revisions to monthly and annual mean discharges, and annual extremes of discharge. The Historical Water Levels Summary publications contain revisions to monthly and annual mean water levels, and annual extremes of water level. Recent revisions, corrections or additions made to the historical discharges and water levels are indicated by an "R" symbol in the summary publications. This "R" symbol is deleted from the data bank after publication of the summaries. Detailed information on revisions to historical data is available from the appropriate Regional Chief.

Emplacement (Location) – La latitude et la longitude de la station de jaugeage sont indiquées. Dans les cas où l'équipement de mesure est situé à un endroit éloigné de la section où le jaugeage est effectué, on indique les coordonnées de cette section.

Superficie du bassin versant (Drainage Area) – Il s'agit de la superficie du bassin versant déterminée d'après les cartes les plus récentes et désigne la zone délimitée par une ligne de partage des eaux de sorte que l'écoulement d'averse est entraîné par gravité vers le cours d'eau en amont de la station. S'il s'agit d'une station située sur un lac, elle représente la superficie totale jusqu'à l'émissaire du lac.

Données fournies (Contributed Data) – Nom de l'organisme extérieur qui a fourni les données.

Débit naturel ou *régularisé* (Natural Flow or Regulated) – Un débit reconnu comme naturel est indiqué comme tel. Le débit de plusieurs réseaux hydrographiques est modifié par une régularisation qui est effectuée en amont. Il arrive parfois que l'importance de cette régularisation ne soit pas connue, et elle n'est donc pas indiquée. Cependent, quand on sait que la régularisation est d'une certaine importance, on l'indique ainsi que l'année où elle a débuté (si elle est connue).

Plan de référence des jauges (Gauge Datum) – Pour les stations dans lesquelles on ne mesure que le niveau de l'eau, on indique le plan de référence de la jauge en question et l'équation permettant, au besoin, de convertir ce plan en un autre plan. En s'adressant au chef régional concerné, on peut obtenir des renseignements plus précis au sujet des niveaux de référence auxquels correspondent les niveaux mesurés.

Remarques (Remarks) – Les conditions inhabituelles qui prévalent à une station sont expliquées.

RÉVISIONS

On a corrigé ou révisé beaucoup de données déjà publiées. Il a été nécessaire d'effectuer plusieurs corrections, car on a relevé des erreurs typographiques ou de calculs lorsqu'on a enregistré les débits quotidiens sur rubans magnétiques et qu'on a recalculé à l'aide d'ordinateurs les moyennes mensuelles. On a aussi relevé d'autres erreurs ou fait des interprétations différentes de données de base au cours de la révision rétrospective systématique des données de débit qu'on est à faire en ce moment. Ainsi, on peut justifier des corrections, par le fait qu'on ait trouvé une relation hauteur-débit plus sûre.

Les corrections apportées aux débits quotidiens ou aux niveaux d'eau quotidiens ne sont pas publiées, du moins pour le moment. Cependant, les stations où on a effectué une révision systématique sont identifiées dans l'*Index de référence des données sur les eaux de surface*. Les publications intitulées *Sommaire chronologique de l'écoulement* contiennent des données sur les moyennes mensuelles et annuelles des débits et sur les extrêmes annuels des débits qu'on a révisées. Les publications intitulées *Sommaire chronologique des niveaux d'eau* renferment les révisions apportées aux niveaux moyens mensuels et annuels ainsi que les extrêmes annuels. Les révisions et corrections apportées récemment aux débits chronologiques et aux niveaux d'eau sont accompagnées du symbole «R» dans les publications sommaires. Ce symbole «R» est omis de la banque de données après la publication des sommaires. On peut obtenir plus de détails sur les révisions en s'adressant au chef régional concerné.

ACCURACY OF HYDROMETRIC DATA

The overall accuracy or the degree of reliability of hydrometric data referred to herein, depends upon

(1) The type of gauge, stability of gauge, accuracy of observation of stage and measurement of reference datum,

(2) The stability of the stage-discharge relationshlp; or if the control is unstable, the frequency and accuracy of discharge measurements, and

(3) The computation procedures and interpretation of records.

Because of all these variable factors, the number of significant figures used herein has been standardized for uniformity of presentation and does not reflect the degree of accuracy of the data. The Water Resources Branch standard for storing water level data is to three decimal points (0.001 m), although some contributing agencies provide data to two decimal points (0.01 m).

A measure of the reliability of the records can be made by an examination of the distribution of the symbols A, E and B (for discharge data).

In general, data collected during open-water periods are more reliable than those collected during periods of ice conditions or those obtained by estimation. Further, water level data collected utilizing a water-stage recorder are more reliable and accurate than those using a manual gauge only, especially for small or flashy streams.

EXACTITUDE DES DONNÉES HYDROMÉTRIQUES

La précision totale ou le degré d'exactitude des données hydrométriques dont on parle ici sont basés sur

(1) Le type de jauge, la stabilité de la gauge, la précision des observations sur les niveaux et de la mesure de la donnée de référence,

(2) La stabilité de la relation hauteur-débit ou, si l'élément régulateur est changeant, sur la fréquence et la précision des mesures de débits, et

(3) L'évaluation des procédés et l'interprétation des chiffres.

À cause de toutes les variables déjà mentionnées, on a normalisé pour des fins d'uniformité de présentation le nombre de chiffres significatifs, mais ceci ne réflète pas le degré d'exactitude des données. Dans la Direction des ressources en eau, les normes de cueillette des données sur le niveau des eaux sont de l'ordre de trois décimales (0.001 m), alors que certains organismes dans ce domaine n'exigent que deux décimales (0.01 m).

L'exactitude des données peut être appréciée par l'examen de la répartition des symboles A, E et B (pour les données de débits).

En général, les données recueillies au cours des périodes d'eau libre sont plus sûres que celles qui sont obtenues au cours des périodes de glaces ou par estimation. De plus, les données sur le niveau des eaux qui sont mesurées à l'aide d'un limnigraphe sont plus certaines et plus exactes que celles qui sont mesurées à l'aide d'une jauge manuelle seulement, surtout dans le cas de petits cours d'eau ou de cours d'eau à crues très rapides.

SURFACE WATER DATA/DONNÉES SUR LES EAUX DE SURFACE

YUKON TERRITORY

AISHINIK LAKE NEAR WHITEHORSE - STATION NO. 09AA005

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.330	3.100A	2.872	2.883	2.888	2.887	3.084	3.172	3.182	3.186	3.138	2.972	1
2	3.328	3.084E	2.871	2.877	2.888	2.884	3.107	3.173	3.170	3.188	3.143	2.984	2
3	3.316	3.068E	2.876	2.872	2.704	2.888	3.117	3.174	3.188	3.188	3.144	2.982	3
4	3.308A	3.052E	2.888	2.869	2.729	2.907	3.123	3.185	3.213	3.173	3.142	2.958	4
5	3.297	3.076E	2.886	2.880	2.761	2.933	3.118	3.200	3.200	3.178	3.138	2.948	5
6	3.282	3.070E	2.886	2.888	2.781	2.933	3.122	3.194	3.208	3.171	3.133	2.945	6
7	3.273	3.084E	2.867	2.867	2.788	2.946	3.142	3.192	3.217	3.168	3.130	2.940	7
8	3.273	3.088E	2.843	2.840	2.776	2.951	3.151	3.196	3.221	3.188	3.118	2.931	8
9	3.286	3.092E	2.838	2.833	2.788	2.938	3.158	3.190	3.216	3.184	3.100	2.921	9
10	3.289	3.088E	2.831	2.831	2.809	2.943	3.168	3.189	3.193	3.188	3.084	2.907	10
11	3.268	3.098A	2.821	2.817	2.818	2.952	3.170	3.205	3.211	3.200	3.082	2.900	11
12	3.244	3.098	2.818	2.816	2.828	2.950	3.168	3.208	3.208	3.198	3.083	2.887	12
13	3.236	3.081	2.816	2.811	2.835	2.951	3.159	3.200	3.216	3.188	3.074	2.880	13
14	3.227	3.068	2.802	2.803	2.843	2.962	3.148	3.212	3.218	3.178	3.062	2.887	14
15	3.218	3.078	2.788	2.803	2.850	2.964	3.158	3.218	3.227	3.188	3.057	2.878	15
16	3.214	3.071	2.788	2.803	2.863	2.969	3.172	3.208	3.230	3.188	3.058	2.867	16
17	3.208	3.063	2.763	2.806	2.878	3.008	3.188	3.198	3.212	3.191	3.048	2.867	17
18	3.201	3.058	2.777	2.801	2.878	3.014	3.187	3.182	3.214	3.171	3.044	2.872	18
19	3.187	3.050	2.788	2.870	2.858	3.018	3.176	3.185	3.208	3.180	3.040	2.867	19
20	3.184	3.043	2.787	2.878	2.868	3.010	3.170	3.204	3.208	3.188	3.038	2.852	20
21	3.178	3.033	2.783	2.873	2.886	3.017	3.170	3.231	3.180	3.181	3.028	2.838	21
22	3.168	3.027	2.748	2.868	2.887	3.012	3.178	3.221	3.188	3.170	3.015	2.840	22
23	3.162	3.018	2.738	2.888	2.858	3.026	3.178	3.207	3.187	3.155	3.018	2.840	23
24	3.187A	3.008	2.731	2.881	2.890	3.023	3.184	3.203	3.148	3.158	3.013	2.833	24
25	3.148	3.008	2.730	2.881	2.908	3.042	3.188	3.208	3.181	3.188	3.002	2.820	25
26	3.152	3.004	2.725	2.889	2.908	3.048	3.180	3.214	3.188	3.187	2.984	2.822	26
27	3.148	3.002	2.718	2.882	2.888	3.048	3.181	3.217	3.193	3.148	2.985	2.819	27
28	3.138	2.981	2.708	2.891	2.888	3.048	3.184	3.207	3.188	3.142	2.982	2.811	28
29	3.121		2.701	2.898	2.898	3.078	3.183	3.200	3.203	3.148	2.978	2.808	29
30	3.108		2.698	2.888	2.902	3.068	3.188	3.201	3.192	3.180	2.978	2.804	30
31	3.101		2.888		2.887		3.180	3.208		3.142		2.798	31
MEAN	3.218	3.062	2.787	2.812	2.838	2.986	3.189	3.200	3.202	3.188	3.062	2.878	MEAN
MAX	3.330	3.100	2.876	2.883	2.908	3.068	3.184	3.231	3.227	3.200	3.144	2.972	MAX
MIN	3.101	2.881	2.888	2.881	2.888	2.888	3.084	3.172	3.148	3.142	2.978	2.798	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1989

MEAN, 3.000
MAXIMUM DAILY, 3.330 ON JAN 1
MINIMUM DAILY, 2.881 ON APR 26
MAXIMUM INSTANTANEOUS,
3.331 AT 00:01 YST ON JAN 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 11 03 N
LONG 136 59 03 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1974

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

AISHINIK RIVER BELOW AISHINIK LAKE - STATION NO. 09AA010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	14.0E	13.5	14.0	13.1	11.1	9.78	2.44	5.90	3.74	5.82	7.88E	14.4	1
2	14.0E	13.4	13.9	11.8	10.7	9.74	1.98	5.87	3.88	5.74	7.85E	14.5	2
3	14.0E	13.3	13.3	13.1	9.13	9.71	1.92	5.87	3.74	5.78	8.83E	14.7	3
4	14.4A	13.4	11.8	13.1	8.85	9.72	1.93	5.84	3.77	5.73	8.83E	14.7	4
5	13.8	13.8	11.5	13.1	7.86	9.77	1.98	5.88	3.78	5.79	8.83E	15.5	5
6	14.7	13.3	11.8	13.1	7.10	9.77	1.98	5.98	4.01	5.78	8.82E	15.3	6
7	15.3	13.3	12.3	13.2	6.89	9.84	1.97	5.95	3.93	4.63	10.7 E	15.3	7
8	15.0	13.3	12.3	13.1	6.44	9.17	1.94	5.97	3.12	3.17	10.7 E	15.0	8
9	15.7	13.4	12.1	13.1	6.78	9.18	1.90	5.98	2.84	3.19	10.6 E	15.2	9
10	15.3	15.1	12.0	13.2	6.19	8.11	1.88	5.80	2.48	3.19	10.6 E	15.2	10
11	15.6	15.4	12.1	13.1	3.87	8.82	1.82	4.94	3.80	3.18	15.1 E	15.2	11
12	15.7	15.5	12.0	13.2	3.88	7.04	4.06	4.82	5.31	3.17	15.1 E	15.2	12
13	15.6	15.4	12.7	13.3	3.33	6.93	6.59	4.84	5.48	3.19	15.0 E	15.2	13
14	15.5	15.6	13.7	13.1	3.03	6.83	6.26	4.84	5.50	4.21	15.0 E	15.0	14
15	15.3	15.5	14.0	11.9	5.15	8.02	6.88	4.88	5.48	5.23	15.3 E	14.8	15
16	15.8	15.4	14.0	11.8	8.88	8.87	6.84	4.88	5.43	5.85	17.8 E	14.7	16
17	14.6	15.3	14.0	11.8	8.44	7.81	6.82	4.84	5.38	5.73	17.8 E	14.3	17
18	14.7	15.8	14.7	12.0	8.23	7.88	6.49	4.88	7.08	8.75	18.8 E	14.2	18
19	14.8	15.8	15.3	11.8	8.85	7.84	6.48	4.88	7.88	8.77A	18.8 E	14.1	19
20	14.8	15.7	15.8	12.0	7.41	7.13	6.48	4.71	7.89	8.78E	14.8 E	13.7	20
21	14.7	15.7	15.8	12.7	8.71	7.12	6.38	4.71	7.84	7.82E	14.8 A	13.8	21
22	14.7	15.8	15.8	12.8	11.4	7.10	6.33	4.78	7.81	7.81E	14.8	13.8	22
23	13.8	15.8	15.1	12.8	11.4	7.08	6.28	4.23	7.88	7.81E	14.2	13.8	23
24	13.8	15.2	13.8	12.8	11.4	7.12	6.22	3.74	7.85	7.80E	14.1	14.8	24
25	13.1	15.2	13.8	13.1	10.8	7.82	6.18	3.78	7.80	7.88E	13.8	13.8	25
26	13.8	15.1	13.3	12.8	10.1	7.88	6.12	3.77	8.78	7.88E	13.8	13.6	26
27	13.8	14.4	13.1	13.8	8.88	8.74	6.10	3.82	8.88	7.88E	13.8	13.6	27
28	13.8	14.8	12.1	13.7	8.28	8.48	6.08	3.78	8.81	7.88E	14.2	13.6	28
29	12.8		12.1	14.8	8.34	8.18	6.88	3.77	8.81	7.87E	14.8	13.4	29
30	13.8		13.2	13.3	8.18	4.18	6.87	3.77	8.86	7.88E	14.8	13.4	30
31	13.8		13.2		8.77		6.83	3.72		7.88E		13.3	31
TOTAL	480.8	402.8	408.3	370.4	237.88	226.33	144.31	148.48	166.48	164.10	384.72	448.4	TOTAL
MEAN	14.8	14.4	13.2	12.3	7.88	7.48	4.88	4.82	5.85	5.84	13.2	14.5	MEAN
MAX	15.8	15.7	15.8	14.8	11.4	9.84	6.88	6.05	7.88	7.82	17.8	18.3	MAX
MIN	12.8	13.3	11.8	11.8	3.82	4.18	1.82	3.72	2.48	3.18	7.88	13.2	MIN

DISCHARGE IN CUBIC METRES PER SECOND

SUMMARY FOR THE YEAR 1989

MEAN, 8.82
MAXIMUM DAILY, 17.8E ON NOV 15
MINIMUM DAILY, 1.82 ON JUL 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 11 04 N
LONG 136 59 24 W
DRAINAGE AREA, 2 880 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1974

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	38 800	JUL	12 800
FEB	34 800	AUG	12 800
MAR	35 400	SEP	14 400
APR	32 000	OCT	15 800
MAY	20 800	NOV	34 100
JUN	19 400	DEC	38 800

TOTAL DISCHARGE, 310 000 dam³

YUKON TERRITORY

ALSEK RIVER ABOVE BATES RIVER - STATION NO. 08AB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	52.9B	46.2B	44.0B	39.8B	371	489	807	1 140	710	257	77.2	60.1B	1
2	52.9B	46.2B	43.1B	39.8B	371	481	851	1 220	661	284	88.1	60.2B	2
3	52.9B	46.2B	42.5B	39.8B	387	483	929	1 230	628	241	88.4	60.5B	3
4	52.0B	46.4B	41.9B	39.8B	376	598	914	1 080	674	217 A	67.7	60.7B	4
5	51.1B	46.8B	41.4B	39.0B	385	529	933	1 000	639	202	64.8	61.8B	5
6	51.8B	46.7B	40.7B	39.1B	358	520	970	1 080	688	193	79.1	63.0B	6
7	51.7B	46.7B	40.2B	39.3B	306	515	1 040	1 100	638	188	78.7	63.0B	7
8	51.7B	46.7B	39.9B	39.5B	285	523	1 150	1 050	671	188	68.5	64.0B	8
9	51.8B	46.7B	40.0B	39.6B	276	515	1 230	954	710	176	53.1	64.5B	9
10	51.8B	46.7B	40.1B	40.0B	269	566	1 290	835	772	168	47.7B	64.1B	10
11	51.3B	46.7B	40.1B	40.4B	248	546	1 430	853	842	154	62.0B	64.0B	11
12	51.1B	46.6B	40.1B	41.4B	238	584	1 530	950	805	146	63.8B	63.8B	12
13	51.0B	47.0B	40.2B	42.4B	236	598	1 550	1 080	738	137	63.5B	63.0B	13
14	51.2B	47.0B	40.2B	43.4B	231	615	1 530	1 210	615	128	63.0B	62.0B	14
15	51.0B	46.9B	40.5B	44.9B	225	634	1 440	1 220	482	120	62.8B	60.4B	15
16	51.2B	46.2B	40.5B	45.7B	228	619	1 270	1 210	410	118	62.0B	59.8B	16
17	51.5B	46.4B	40.5B	48.9B	198	681	1 180	1 140	380	119	62.0B	58.8B	17
18	50.7B	46.2B	40.5B	51.1B	178	686	1 150	1 080	307	119	62.0B	57.8B	18
19	50.3B	46.3B	40.5B	53.8	170	695	1 170	1 110	275	114	62.0B	57.1B	19
20	50.3B	46.7B	40.5B	58.3	173	609	1 200	1 080	267	110	61.8B	57.0B	20
21	50.5B	46.7B	40.5B	63.9	181	627	1 180	987	280	106	61.5B	57.5B	21
22	49.9B	46.2B	40.5B	71.2	228	633	1 110	931	451	103	61.2B	58.3B	22
23	49.9B	46.0B	40.5B	87.6	248	688	1 080	929	483	94.2	60.8B	59.4B	23
24	49.9B	45.6B	40.5B	112	246A	757	1 020	929	418	80.7	60.5B	60.0B	24
25	49.9B	45.6B	40.4B	121	240	632	987	881	429	83.9	60.0B	60.5B	25
26	49.8B	45.7B	40.3B	151	251	770	914	880	428	81.1	60.0B	60.8B	26
27	48.4B	45.3B	40.1B	203	271	735	913	865	412	83.5	59.8B	60.0B	27
28	47.7B	44.7B	39.7B	256	305	731	984	848	380	76.5	59.8B	59.8B	28
29	47.0B		39.5B	283	385	775	1 020	871	325	74.7	60.0B	58.8B	29
30	46.8B		39.9B	345	444	842	1 080	878	282	77.2	60.0B	58.0B	30
31	46.7B		39.9B		505		1 120	799		74.0		57.6B	31
TOTAL	1 565.2	1 297.5	1 259.2	2 561.2	8 804	19 028	35 122	31 348	15 448	4 322.8	1 979.2	1 874.2	TOTAL
MEAN	50.5	46.3	40.6	85.4	284	634	1 130	1 010	515	139	66.0	60.5	MEAN
MAX	52.9	47.0	44.0	345	505	842	1 550	1 230	842	257	88.4	64.5	MAX
MIN	46.7	44.7	39.5	39.0	170	481	807	799	267	74.0	47.7	57.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 341
MAXIMUM DAILY, 1 550 ON JUL 13
MINIMUM DAILY, 39.0B ON APR 5
MAXIMUM INSTANTANEOUS,
1 580 AT 16:34 YST ON JUL 13

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 07 08 N
LONG 137 58 27 W
DRAINAGE AREA, 16 200 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	135 000	JUL	3 030 000
FEB	112 000	AUG	2 710 000
MAR	109 000	SEP	1 330 000
APR	221 000	OCT	373 000
MAY	761 000	NOV	171 000
JUN	1 640 000	DEC	162 000

TOTAL DISCHARGE, 10 800 000 dam³

BABBAGE RIVER BELOW CARIBOU CREEK - STATION NO. 10MD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	0B	0 B	250	12.8 E	8.61E	8.13	5.20B	1.25 B	0B	1
2	0B	0B	0B	0B	0 B	195	12.2 E	7.87E	8.01	5.05B	1.15 B	0B	2
3	0B	0B	0B	0B	0 B	122	12.8 E	7.36E	10.2	4.90B	1.08 B	0B	3
4	0B	0B	0B	0B	0 B	109	14.2 E	8.70E	14.6	4.70B	1.02 B	0B	4
5	0B	0B	0B	0B	0 B	88.3	13.5 E	9.30E	13.0	4.55B	0.950B	0B	5
6	0B	0B	0B	0B	0 B	93.5	12.2 E	9.12E	12.0	4.35B	0.880B	0B	6
7	0B	0B	0B	0B	0 B	81.3	13.0 E	8.01E	33.3	4.12B	0.810B	0B	7
8	0B	0B	0B	0B	0 B	84.9	13.5 E	7.36E	38.0	3.95B	0.780B	0B	8
9	0B	0B	0B	0B	0 B	87.4	14.5 E	8.61E	33.2	3.80B	0.700B	0B	9
10	0B	0B	0B	0B	0 B	89.6	16.1 E	9.33E	26.7	3.65B	0.640B	0B	10
11	0B	0B	0B	0B	0 B	82.3	13.7 E	8.62E	21.6 E	3.50B	0.590B	0B	11
12	0B	0B	0B	0B	0 B	66.8	12.9 E	8.65E	15.5 E	3.33B	0.540B	0B	12
13	0B	0B	0B	0B	0 B	30.0	12.0 E	7.10E	13.0 E	3.20B	0.490B	0B	13
14	0B	0B	0B	0B	0 B	22.7	10.5 E	9.90E	10.0 E	3.05B	0.440B	0B	14
15	0B	0B	0B	0B	0 B	17.3	9.80E	14.7 A	8.50E	2.92B	0.400B	0B	15
16	0B	0B	0B	0B	0 B	35.7	10.8 E	16.8	7.80E	2.76B	0.360B	0B	16
17	0B	0B	0B	0B	0 B	37.1	10.6 E	18.4	6.80E	2.66B	0.320B	0B	17
18	0B	0B	0B	0B	0.100B	42.6	9.45E	16.2	6.40E	2.54B	0.280B	0B	18
19	0B	0B	0B	0B	0.150B	47.5	9.00E	13.0	6.20E	2.42B	0.250B	0B	19
20	0B	0B	0B	0B	0.240B	61.3	8.70E	11.1	6.10E	2.33B	0.230B	0B	20
21	0B	0B	0B	0B	0.380B	38.6	9.00E	16.7	6.00E	2.21B	0.200B	0B	21
22	0B	0B	0B	0B	0.660B	36.3	9.20E	16.6	5.90E	2.12B	0.180B	0B	22
23	0B	0B	0B	0B	1.10 B	32.4	8.33E	13.6	5.80E	2.00B	0.150B	0B	23
24	0B	0B	0B	0B	1.84 B	26.9	7.64E	11.3	5.75E	1.91B	0.130B	0B	24
25	0B	0B	0B	0B	2.75 B	33.3	7.73E	9.58	5.70E	1.80B	0.110B	0B	25
26	0B	0B	0B	0B	3.80 B	26.0	8.90E	8.88	5.65E	1.72B	0.088B	0B	26
27	0B	0B	0B	0B	7.20 B	21.8	12.3 E	8.13	5.60E	1.64B	0.064B	0B	27
28	0B	0B	0B	0B	14.0 B	20.0	20.0 E	7.91	5.50E	1.56B	0.040B	0B	28
29	0B		0B	0B	30.0 B	17.4	20.9 E	8.13	5.45E	1.46B	0.020B	0B	29
30	0B		0B	0B	86.0 B	14.4	14.8 E	6.20	5.38E	1.38B	0.010B	0B	30
31	0B		0B		270 B		10.8 E	6.43		1.32B		0B	31
TOTAL	0	0	0	0	420.350	1 703.5	368.84	315.88	357.45	92.17	14.170	0	TOTAL
MEAN	0	0	0	0	13.6	56.8	11.9	10.2	11.9	2.97	0.472	0	MEAN
MAX	0	0	0	0	270	250	20.9	18.4	38.0	5.20	1.25	0	MAX
MIN	0	0	0	0	0	14.4	7.64	5.95	5.38	1.32	0.010	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.97
MAXIMUM DAILY, 270B ON MAY 31
MINIMUM DAILY, 0B ON JAN 1

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 50 22 N
LONG 138 40 05 W
DRAINAGE AREA, 1 510 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	0	JUL	31 900
FEB	0	AUG	27 300
MAR	0	SEP	30 900
APR	0	OCT	7 960
MAY	36 300	NOV	1 220
JUN	147 000	DEC	0

TOTAL DISCHARGE, 283 000 dam³

BEAVER RIVER BELOW WHITEFISH RIVER - STATION NO. 10BD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	25.0B	18.8B	15.8B	13.8B	242	110 A	51.5E	59.5E	47.0	52.8	27.7B	23.4B	1
2	24.8B	18.8B	15.8B	13.5B	261	120 E	70.0E	56.7E	45.5	50.7	26.2B	23.8B	2
3	24.0B	18.7B	15.3B	13.8B	324	110 E	85.0A	57.0E	44.6	49.6	26.8B	24.3B	3
4	24.6B	18.8B	15.8B	13.7B	361	90.0E	102 E	55.5E	43.6	48.8	26.0B	24.4B	4
5	24.8B	18.8B	15.0B	13.8B	437	99.0E	93.0E	53.0E	43.6	47.6	26.2B	23.8B	5
6	23.7B	18.1B	15.1B	13.8B	479	108 E	84.0E	51.8A	42.4	45.9	25.2B	22.2B	6
7	23.2B	18.2B	15.0B	14.0B	464	112 A	79.0E	53.6	40.7	45.6	24.7B	21.4B	7
8	23.0B	18.2B	14.8B	14.2B	423	118 A	72.0E	58.4	40.1	45.1	24.3B	20.8B	8
9	22.8B	18.1B	14.8B	14.8B	463	122 A	71.5E	62.3	38.6	44.9	24.0B	19.8B	9
10	23.0B	18.3B	13.9B	15.1B	439	115 E	71.0E	60.4	38.1	46.8	23.3B	19.8B	10
11	23.3B	18.2B	13.8B	15.2B	348	100 E	73.1E	57.0	38.7	45.6	22.8B	19.8B	11
12	23.3B	18.8B	13.5B	16.1B	320	88.0E	77.0E	55.2	37.6	46.0	22.2B	20.0B	12
13	23.2B	18.4B	13.8B	20.0B	280	100 E	75.5E	53.1	37.0	45.4	22.0B	20.7B	13
14	23.0B	17.8B	13.7B	23.2B	257	120 E	73.0E	50.2	38.2	44.5	22.4B	21.3B	14
15	22.8B	17.4B	13.7B	26.8B	271	138 A	68.1E	57.5	38.3	37.3	22.7B	21.1B	15
16	22.2B	17.3B	13.8B	31.0B	255	150 E	68.2E	119	38.3	28.2	23.3B	20.5B	16
17	21.8B	17.6B	13.8B	35.0B	254	130 E	63.3E	123	38.2	25.7B	24.0B	20.1B	17
18	21.8B	17.7B	13.7B	41.0B	232	105 E	60.0E	95.6	38.4	27.0B	25.0B	19.4B	18
19	21.8B	17.8B	13.8B	47.0B	207	92.0E	58.0E	80.7	38.3	31.0B	25.2B	18.8B	19
20	21.8B	18.0B	13.7B	54.0B	180	83.0E	63.3E	70.3	38.6	33.7B	24.5B	18.3B	20
21	21.0B	18.1B	13.8B	61.5B	170	75.0E	64.5E	71.2	39.0	33.8B	22.8B	18.4B	21
22	20.8B	18.3B	13.7B	71.0B	154	65.7A	68.0E	74.0	39.5	33.4B	22.8B	18.8B	22
23	20.8B	18.5B	13.8B	81.0B	144	83.0E	75.0E	72.6	41.3	32.8B	22.0B	19.0B	23
24	20.8B	18.0B	13.4B	84.0B	135	80.5E	64.0E	69.2	47.3	32.0B	22.5B	18.8B	24
25	20.8B	17.8B	13.2B	108 B	124	60.0E	58.0E	64.5	52.3	31.3B	22.1B	18.8B	25
26	20.7B	18.1B	13.1B	121 B	115	60.5E	63.0E	61.4	56.6	30.0B	21.8B	20.0B	26
27	20.8B	17.6B	13.0B	135 B	104	88.8E	75.0E	57.2	51.6	29.3B	22.0B	19.8B	27
28	20.7B	17.4B	13.1B	150 B	95.8	85.5E	65.5E	54.3	52.0	28.5B	22.1B	19.8B	28
29	20.3B		13.2B	180 B	84.4	84.0E	63.5E	52.3	56.5	30.0B	22.5B	19.8B	29
30	19.7B		13.5B	205 B	88.5	52.0E	60.0E	50.3	56.6	29.8B	23.2B	20.3B	30
31	19.2B		13.8B		108		56.0E	48.7		27.5B		20.8B	31
TOTAL	688.4	513.8	437.8	1 668.7	7 926.9	2 808.7	2 250.0	2 003.8	1 320.6	1 178.3	723.4	639.2	TOTAL
MEAN	22.2	18.4	14.1	55.7	256	93.7	72.6	64.6	44.0	38.0	24.1	20.6	MEAN
MAX	25.0	19.2	15.8	205	479	150	102	123	52.0	52.8	28.0	24.4	MAX
MIN	19.2	17.3	13.0	13.5	84.4	52.0	51.5	48.7	36.3	25.7	21.8	18.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 60.7
MAXIMUM DAILY, 479 ON MAY 6
MINIMUM DAILY, 13.0B ON MAR 27
MAXIMUM INSTANTANEOUS,
500 AT 05:25 YST ON MAY 6

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 07 52 N
LONG 124 53 21 W
DRAINAGE AREA, 7 280 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	59 500	JUL	194 000
FEB	44 400	AUG	173 000
MAR	37 800	SEP	114 000
APR	144 000	OCT	102 000
MAY	685 000	NOV	62 500
JUN	243 000	DEC	55 200

TOTAL DISCHARGE, 1 910 000 dam³

BENNETT LAKE AT CARCROSS - STATION NO. 09AA004

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.882	1.552	1.156	0.755	0.484	1.189	1.922	2.715	2.902	2.544	2.207	2.164	1
2	1.872	1.550	1.162	0.733	0.506	1.236	1.962	2.737	2.887	2.518	2.200	2.161	2
3	1.860	1.537	1.135	0.725	0.533	1.248	2.005	2.744	2.886	2.506	2.201	2.153	3
4	1.852	1.522	1.132	0.707	0.566	1.278	2.038	2.757	2.886	2.501	2.200	2.148	4
5	1.838	1.508	1.121	0.693	0.626	1.330	2.068	2.768	2.881	2.487	2.202	2.150	5
6	1.828	1.508	1.120	0.672	0.687	1.388	2.092	2.781	2.882	2.477	2.200	2.135	6
7	1.826	1.486	1.118	0.672	0.737	1.385	2.127	2.803	2.866	2.466	2.193	2.128	7
8	1.812	1.468	1.106	0.663	0.768	1.413	2.184	2.811	2.864	2.449	2.190E	2.131	8
9	1.807	1.458	1.095	0.649	0.826	1.431	2.207	2.818	2.865	2.442	2.190E	2.136	9
10	1.788	1.441	1.075	0.637	0.853	1.443	2.249	2.818	2.860	2.433	2.180E	2.126	10
11	1.777	1.426	1.069	0.620	0.871	1.463	2.302	2.828	2.851	2.412	2.169E	2.106	11
12	1.780	1.411	1.054	0.566	0.866	1.477	2.352	2.842	2.844	2.390	2.190E	2.093	12
13	1.784	1.383	1.038	0.580	0.851	1.497	2.406	2.856	2.837	2.378	2.191E	2.093	13
14	1.750	1.368	1.015	0.551	0.844	1.546	2.448	2.872	2.826	2.370	2.192E	2.076	14
15	1.738	1.376	0.993	0.540	0.837	1.601	2.472	2.876	2.783	2.359	2.193E	2.066	15
16	1.726	1.382	0.976	0.526	0.826	1.633	2.502	2.902	2.772	2.338	2.194E	2.065	16
17	1.716	1.342	0.966	0.507	0.813	1.641	2.518	2.915	2.788	2.318	2.195	2.060	17
18	1.698	1.343	0.952	0.498	0.812	1.647	2.531	2.926	2.764	2.306	2.197	2.057	18
19	1.674	1.321	0.931	0.483	0.798	1.652	2.573	2.920	2.716	2.298	2.195	2.053	19
20	1.657	1.305	0.918	0.472	0.783	1.666	2.598	2.926	2.697	2.284	2.193	2.041	20
21	1.656	1.285	0.907	0.468	0.788	1.680	2.615	2.923	2.666	2.279	2.184	2.041	21
22	1.684	1.271	0.883	0.451	0.794	1.702	2.633	2.933	2.655	2.262	2.184	2.036	22
23	1.659	1.251	0.875	0.453	0.802	1.712	2.636	2.949	2.649	2.260	2.178	2.021	23
24	1.658	1.236	0.852	0.446	0.819	1.744	2.627	2.942	2.633	2.262	2.180	2.00[illegible]	24
25	1.638	1.228	0.840	0.440	0.832	1.766	2.628	2.936	2.616	2.235	2.178	1.996	25
26	1.621	1.208	0.827	0.434	0.836	1.783	2.637	2.938	2.612	2.220	2.176	1.982	26
27	1.608	1.180	0.814	0.441	0.853	1.808	2.648	2.937	2.603	2.215	2.170	1.981	27
28	1.601	1.168	0.813	0.451	0.885	1.824	2.646	2.938	2.589	2.224	2.166	1.966	28
29	1.571		0.806	0.467	0.939	1.853	2.675	2.932	2.582	2.210	2.165	1.960A	29
30	1.563		0.787	0.486	1.026	1.884	2.687	2.924	2.565	2.202	2.161	1.955E	30
31	1.554		0.770		1.126		2.699	2.915		2.210		1.950E	31
MEAN	1.723	1.376	0.977	0.580	0.794	1.584	2.408	2.887	2.757	2.350	2.186	2.065	MEAN
MAX	1.882	1.552	1.156	0.755	1.125	1.884	2.699	2.948	2.902	2.544	2.207	2.161	MAX
MIN	1.553	1.168	0.770	0.434	0.484	1.189	1.922	2.715	2.565	2.202	2.161	1.950	MIN

WATER LEVELS IN METRES

MEAN, 1.807
MAXIMUM DAILY, 2.949 ON AUG 23
MINIMUM DAILY, 0.434 ON APR 26
MAXIMUM INSTANTANEOUS,
2.959 AT 17:54 YST ON AUG 23

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 09 50 N
LONG 134 42 27 W

A - MANUAL GAUGE
E - ESTIMATED
NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 653.703 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1946 ADJ.)

YUKON TERRITORY

BIG CREEK AT KM 1084.8 ALASKA HIGHWAY - STATION NO. 10AA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.40B	3.00B	2.70B	2.85B	11.0	21.1	10.9	7.19	5.38	7.25	4.58B	3.80B	1
2	4.30B	3.20B	2.60B	2.85B	12.5	18.7	11.6	7.09	5.30	7.00	4.57B	3.70B	2
3	4.20B	2.90B	2.85B	2.85B	15.7	16.5	11.1	6.82	5.26	7.20	4.90B	3.90B	3
4	4.10B	2.80B	2.90B	2.85B	20.4	15.3	10.8	6.46	5.87	7.24	4.55B	3.50B	4
5	4.10B	2.90B	2.65B	2.80B	25.8	15.5	10.3	6.41	5.75	7.07	4.50B	3.43B	5
6	4.00B	3.00B	2.70B	2.80B	25.7	16.3	10.4	6.70	5.65	6.75	4.40B	3.42B	6
7	4.05B	3.05B	2.60B	2.75B	26.1	16.2	10.0	7.07	5.53	6.75	4.30B	3.45B	7
8	4.10B	3.05B	2.50B	2.60B	27.1	14.9	9.69	7.24	5.40	6.75	4.30B	3.47B	8
9	4.20B	3.10B	2.40B	2.65B	24.8	14.2	9.38	7.32	5.29	6.89	4.10B	3.49B	9
10	4.30B	3.20B	2.30B	2.85B	21.5	13.5	9.14	6.97	5.25	7.14	4.00B	3.52B	10
11	4.25B	3.30B	2.20B	2.90B	18.6	13.1	8.84	6.67	5.21	6.00	3.95B	3.55B	11
12	4.40B	3.40B	2.15B	2.95B	17.7	12.9	8.84	6.55	5.12	6.63	3.92B	3.80B	12
13	4.50B	3.50B	2.20B	3.00B	15.8	12.7	8.71	6.30	5.19	6.50	3.90B	3.57B	13
14	4.45B	3.35B	2.25B	3.00B	14.4	13.1	8.81	6.10	5.29	6.15	3.91B	3.45B	14
15	4.40B	3.20B	2.30B	3.05B	14.7	12.9	8.71	6.10	5.34	5.19	3.92B	3.30B	15
16	4.30B	3.10B	2.40B	3.10B	15.3	12.2	8.29	6.13	5.16	4.72B	3.96B	3.30B	16
17	4.10B	3.05B	2.45B	3.20B	14.1	11.1	7.82	5.86	5.24	4.73B	3.97B	3.25B	17
18	4.00B	3.00B	2.50B	3.30B	12.7	10.3	7.77	5.88	5.20	4.75B	3.95B	3.20B	18
19	3.80B	2.90B	2.55B	3.35B	12.0	10.4	7.70	5.72	5.48	4.60B	3.92B	3.14B	19
20	3.60B	2.80B	2.60B	3.40B	11.9	10.3	7.70	5.85	6.06	4.65B	3.90B	3.10B	20
21	3.50B	2.80B	2.70B	3.55B	12.6	9.61	7.64	5.77	6.10	4.90B	3.85B	3.05B	21
22	3.40B	2.85B	2.60B	3.90B	13.0	9.28	8.41	6.11	6.42	4.85B	3.82B	3.05B	22
23	3.50B	2.90B	2.75B	4.25B	13.2	8.88	8.13	5.98	6.92	4.80B	3.80B	3.10B	23
24	3.80B	2.60B	2.70B	4.50B	14.0	8.83	8.70	6.64	7.19	4.70B	3.80B	3.10B	24
25	4.00B	2.75B	2.70B	4.80B	14.5	8.82	8.07	6.46	6.87	4.03B	3.81B	3.10B	25
26	4.20B	2.70B	2.70B	5.40B	14.5	9.44	7.80	6.12	6.92	4.80B	3.82B	3.11B	26
27	4.40B	2.85B	2.85B	6.20B	15.4	12.0	7.42	5.92	6.33	4.90B	3.81B	3.12B	27
28	4.60B	2.80B	2.70B	7.20B	15.4	11.2	7.48	5.77	6.24	4.80B	3.80B	3.11B	28
29	4.30B		2.70B	8.00B	15.3	10.3	6.99	5.89	6.48	4.80B	3.80B	3.10B	29
30	4.11B		2.75B	8.11	19.2	11.3	7.11	5.55	7.27	4.55B	3.80B	3.10B	30
31	3.60B		2.80B		21.8		7.13	5.48		4.58B		3.05B	31
TOTAL	127.28	84.18	80.15	116.51	527.7	388.04	272.43	188.79	174.02	177.00	121.20	103.04	TOTAL
MEAN	4.11	3.01	2.59	3.88	17.0	12.9	8.82	6.35	5.80	5.71	4.04	3.32	MEAN
MAX	4.60	3.60	2.90	8.11	27.1	21.1	11.6	7.24	7.27	7.24	4.90	3.80	MAX
MIN	3.40	2.60	2.15	2.75	11.0	8.82	6.99	5.45	5.12	4.58	3.80	3.05	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.48
MAXIMUM DAILY, 27.1 ON MAY 8
MINIMUM DAILY, 2.15B ON MAR 12
MAXIMUM INSTANTANEOUS,
28.6 AT 06:31 YST ON MAY 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 05 30 N
LONG 129 41 10 W
DRAINAGE AREA, 807 km^2

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	11 000	JUL	23 500
FEB	7 270	AUG	17 000
MAR	6 920	SEP	15 000
APR	10 100	OCT	15 300
MAY	45 600	NOV	10 500
JUN	33 400	DEC	8 900

TOTAL DISCHARGE, 205 000 dam^3

BIG CREEK NEAR THE MOUTH - STATION NO. 09AH003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.510B	0.235B	0.118B	0.057B	1.35B	12.9	22.1	3.31	4.08	3.59	1.78 B	0.720B	1
2	0.500B	0.225B	0.118B	0.056B	1.50B	10.5	18.6	3.33	4.03	3.43	1.74 B	0.715B	2
3	0.504B	0.215B	0.115B	0.058B	2.30B	8.29	16.7	3.50	4.13	3.31	1.70 B	0.710B	3
4	0.500B	0.205B	0.112B	0.059B	2.90B	7.27	12.5	3.35	4.02	2.93	1.68 B	0.705B	4
5	0.495B	0.195B	0.110B	0.058B	3.50B	7.43	9.47	5.53	3.88	2.86	1.66 B	0.700B	5
6	0.492B	0.190B	0.108B	0.058B	4.60B	8.20	7.60	5.58	4.10	2.79	1.64 B	0.650B	6
7	0.466B	0.183B	0.105B	0.059B	5.70B	6.15	6.80	5.24	4.08	2.72	1.60 B	0.660B	7
8	0.484B	0.188B	0.100B	0.058B	7.00B	7.10	9.01	5.47	4.08	2.61	1.50 B	0.630B	8
9	0.480B	0.200B	0.095B	0.061B	9.30B	8.38	5.47	5.04	4.03	3.01	1.35 B	0.600B	9
10	0.478B	0.204B	0.088B	0.061B	12.0 B	6.56	5.11	4.38	4.01	2.94	1.20 B	0.580B	10
11	0.472B	0.206B	0.083B	0.062B	15.0 B	4.90	7.06	4.03	4.03	2.89	1.10 B	0.580B	11
12	0.468B	0.204B	0.080B	0.063B	16.5 B	4.38	7.82	3.59	3.97	2.91	1.00 B	0.570B	12
13	0.460B	0.200B	0.078B	0.064B	20.5 B	3.66	6.80	3.33	4.01	2.85B	0.950B	0.565B	13
14	0.450B	0.187B	0.075B	0.068B	22.7	3.82	5.24	3.22	4.28	2.65B	0.900B	0.550B	14
15	0.425B	0.184B	0.074B	0.066B	20.0	3.84	4.61	3.08	4.47	2.40B	0.975B	0.540B	15
16	0.425B	0.192B	0.075B	0.069B	14.9	4.22	3.87	3.00	4.84	2.30B	0.870B	0.510B	16
17	0.415B	0.168B	0.076B	0.071B	13.1	4.25	3.70	2.94	4.53	2.25B	0.850B	0.470B	17
18	0.405B	0.180B	0.075B	0.074B	12.6	4.54	3.48	2.84	4.13	2.22B	0.850B	0.450B	18
19	0.390B	0.175B	0.074B	0.079B	12.7	4.69	3.18	2.68	3.79	2.20B	0.820B	0.420B	19
20	0.376B	0.168B	0.072B	0.085B	12.8	5.77	3.00	2.61	3.93	2.16B	0.890B	0.390B	20
21	0.365B	0.160B	0.070B	0.105B	12.7	5.13	2.88	4.39	3.89	2.15B	0.870B	0.380B	21
22	0.350B	0.150B	0.068B	0.135B	12.6	4.40	2.05	6.70	3.75	2.12B	0.890B	0.375B	22
23	0.335B	0.144B	0.068B	0.175B	13.0	3.81	2.19	8.71	3.73	2.10B	0.880B	0.380B	23
24	0.325B	0.140B	0.065B	0.220B	13.2	3.53	2.05	6.38	3.79	2.05B	0.870B	0.385B	24
25	0.310B	0.135B	0.064B	0.270B	10.4	15.6	2.80	7.38	3.66	2.00B	0.860B	0.380B	25
26	0.295B	0.129B	0.063B	0.350B	8.05	22.7	2.84	6.07	3.59	1.95B	0.855B	0.385B	26
27	0.285B	0.125B	0.061B	0.450B	8.02	16.1	2.78	6.05	3.43	1.90B	0.830B	0.380B	27
28	0.275B	0.122B	0.060B	0.500B	8.08	12.2	2.63	5.87	3.62	1.80B	0.800B	0.380B	28
29	0.280B		0.059B	0.600B	9.07	9.80	2.47	5.20	3.51	1.80B	0.760B	0.375B	29
30	0.255B		0.058B	1.00 B	6.74	15.2	2.39	4.61	3.59	1.70B	0.730B	0.370B	30
31	0.245B		0.058B		9.24		2.34	4.32		1.75B		0.380B	31
TOTAL	12.528	5.057	2.518	5.409	328.84	238.40	180.06	146.87	118.70	76.50	33.880	15.985	TOTAL
MEAN	0.404	0.181	0.081	0.180	10.6	7.88	6.13	4.74	3.96	2.47	1.13	0.515	MEAN
MAX	0.510	0.235	0.118	1.00	22.7	22.7	22.1	8.71	4.84	3.59	1.78	0.720	MAX
MIN	0.245	0.122	0.058	0.057	1.35	3.53	2.30	2.61	3.42	1.70	0.730	0.360	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.22
MAXIMUM DAILY, 22.7 ON MAY 14
MINIMUM DAILY, 0.058B ON MAR 31
MAXIMUM INSTANTANEOUS,
26.0 AT 19:55 YST ON JUN 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 34 07 N
LONG 137 00 56 W
DRAINAGE AREA, 1 750 km^2

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 080	JUL	15 600
FEB	438	AUG	12 700
MAR	218	SEP	10 300
APR	467	OCT	6 610
MAY	28 500	NOV	2 930
JUN	20 600	DEC	1 380

TOTAL DISCHARGE, 101 000 dam^3

BIG SALMON RIVER NEAR CARMACKS - STATION NO. 09AB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	25.1B	21.8B	18.3B	18.3B	74.0B	178	95.2	75.7	49.3	57.7	38.8B	24.0B	1
2	25.1B	21.8B	18.1B	18.0B	84.0B	181	88.8	74.1	48.8	55.8	36.2B	24.0B	2
3	25.1B	21.3B	18.0B	18.8B	86.8	162	102	71.0	48.8	55.8	35.8B	24.0B	3
4	25.2B	21.2B	18.8B	18.8B	101	174	84.0	68.8	48.3	58.3	34.2B	24.0B	4
5	25.1B	21.1B	18.8B	18.4B	117	210	88.8	68.8	50.8	58.4	33.0B	24.2B	5
6	24.8B	21.0B	18.8B	18.8B	118	258	84.3	68.8	51.2	58.8	32.8B	24.3B	6
7	24.6B	21.1B	18.3B	18.8B	101	223	88.8	67.1	50.2	54.0	31.7B	24.4B	7
8	24.4B	21.1B	18.1B	18.8B	88.7	182	85.1	68.1	48.1	58.4	30.2B	24.8B	8
9	24.3B	21.1B	18.0B	18.7B	108	189	81.8	72.7	48.3	58.8	29.8B	24.8B	9
10	24.1B	21.0B	17.8B	18.8B	112	182	82.7	74.3	48.0	55.8	27.8B	24.8B	10
11	24.2B	21.0B	17.8B	18.8B	98.8	148	84.8	70.2	48.8	54.1	28.8B	24.8B	11
12	24.2B	20.8B	17.7B	18.1B	87.1	148	84.8	68.8	48.4	53.1	28.2B	24.7B	12
13	24.1B	20.8B	17.8B	18.3B	77.8	144	88.8	84.0	48.4	51.8	26.8B	24.6B	13
14	24.0B	20.8B	17.8B	18.7B	71.8	148	84.2	82.7	48.4	44.4A	26.8B	24.8B	14
15	23.8B	20.7B	17.8B	17.2B	88.8	187	78.4	81.1	48.0	42.8B	27.0B	24.7B	15
16	23.7B	20.8B	17.4B	18.0B	88.8	148	77.8	88.3	47.8	42.0B	27.1B	24.0B	16
17	23.8B	20.8B	17.3B	18.8B	70.8	127	72.1	84.0	47.3	42.8B	27.1B	23.8B	17
18	23.4B	20.8B	17.1B	18.8B	88.7	114	70.8	87.8	44.8	42.0B	27.0B	23.0B	18
19	23.2B	20.8B	17.1B	20.8B	71.2	108	88.1	88.4	43.8	41.0B	27.0B	22.8B	19
20	23.0B	20.8B	17.0B	22.8B	71.0	108	88.8	88.8	43.8	40.0B	27.0B	23.0B	20
21	22.8B	20.8B	17.0B	24.8B	74.8	107	88.1	87.0	47.8	38.8B	26.8B	21.8B	21
22	22.8B	20.8B	16.8B	28.0B	88.4	104	85.8	88.8	48.3	38.0B	26.8B	21.3B	22
23	22.7B	20.8B	16.8B	32.0B	102	101	107	81.0	88.7	38.0B	26.7B	21.2B	23
24	22.8B	20.4B	16.8B	35.0B	108	101	96.0	81.2	88.8	37.0B	26.8B	21.1B	24
25	22.6B	20.1B	16.8B	40.0B	107	103	88.8	88.8	88.8	36.0B	26.2B	21.1B	25
26	22.3B	19.8B	16.8B	44.0B	108	105	82.8	87.2	84.2	35.0B	25.8B	21.2B	26
27	22.1B	19.7B	16.8B	48.0B	118	101	78.8	88.7	88.3	35.0B	25.8B	21.2B	27
28	22.0B	19.6B	16.7B	84.0B	136	94.8	78.0	84.3	88.8	35.2B	25.2B	21.2B	28
29	21.9B		16.7B	88.0B	186	94.1	73.0	82.8	82.8	35.8B	25.0B	21.2B	29
30	21.8B		16.8B	88.0B	181	98.4	70.8	81.4	80.0	36.0B	24.7B	21.2B	30
31	21.7B		16.7B		185		71.0	80.3		36.3B		21.3B	31
TOTAL	730.4	580.8	548.3	788.8	3 135.8	4 193.4	2 580.0	1 843.8	1 521.8	1 422.1	855.3	718.4	TOTAL
MEAN	23.6	20.7	17.8	25.8	101	140	83.3	82.7	80.7	45.8	28.8	23.1	MEAN
MAX	25.2	21.8	18.3	88.0	188	258	107	78.7	88.8	88.3	38.8	24.8	MAX
MIN	21.7	19.8	16.7	15.4	88.8	94.1	88.8	80.3	43.8	35.0	24.7	21.1	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 52.0
MAXIMUM DAILY, 258 ON JUN 8
MINIMUM DAILY, 15.48 ON APR 8
MAXIMUM INSTANTANEOUS,
288 AT 14:21 YST ON JUN 8

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 52 32 N
LONG 134 50 00 W
DRAINAGE AREA, 8 780 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	63 100	JUL	233 000
FEB	80 200	AUG	188 000
MAR	47 100	SEP	131 000
APR	88 400	OCT	122 000
MAY	271 000	NOV	73 800
JUN	382 000	DEC	61 800

TOTAL DISCHARGE, 1 840 000 dam³

BLACKSTONE RIVER NEAR CHAPMAN LAKE AIRSTRIP - STATION NO. 10MA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.3558	0.1318	0.0808	0.0128	0.0408	48.2 A	24.5 E	7.18	7.85	5.81	1.34 B	0.7888	1
2	0.3408	0.1288	0.0858	0.0128	0.0688	43.8	23.5 E	8.72	7.81	5.88	1.31 B	0.7788	2
3	0.3288	0.1268	0.0808	0.0118	0.0588	43.2 A	21.5 E	12.0	7.38	5.18	1.28 B	0.7828	3
4	0.3118	0.1228	0.0798	0.0118	0.0828	41.8 E	19.8 E	13.8	8.00	4.808	1.28 B	0.7468	4
5	0.2988	0.1238	0.0728	0.0118	0.1008	39.8 E	17.8 E	18.3	8.85	4.208	1.22 B	0.7308	5
6	0.2888	0.1238	0.0688	0.0108	0.1228	37.8 E	18.5 E	18.8	8.88	4.008	1.20 B	0.7128	6
7	0.2808	0.1238	0.0618	0.0098	0.1448	35.5 E	15.5 E	15.4	8.83	3.708	1.18 B	0.6848	7
8	0.2738	0.1248	0.0558	0.0078	0.1688	33.8 E	14.8 E	13.8	8.41	3.508	1.16 B	0.6788	8
9	0.2688	0.1258	0.0508	0.0058	0.1888	28.5 E	13.8 E	12.5	8.28	3.208	1.14 B	0.6588	9
10	0.2688	0.1298	0.0448	0.0048	0.2108	24.5 E	13.1 E	11.8	7.88	3.008	1.11 B	0.6408	10
11	0.2518	0.1278	0.0408	0.0048	0.2238	23.0 E	12.8 E	10.8	8.84	2.858	1.08 B	0.6228	11
12	0.2468	0.1368	0.0368	0.0038	0.2288	22.0 E	12.2 E	10.0	10.5	2.808	1.08 B	0.6048	12
13	0.2388	0.1288	0.0358	0.0038	0.2308	21.0 E	11.8 E	9.28	10.8	2.308	1.08 B	0.5858	13
14	0.2318	0.1248	0.0328	0.0038	0.2388	20.5 E	11.3 E	8.78	10.8	2.288	1.08 B	0.5688	14
15	0.2288	0.1228	0.0288	0.0038	0.2448	22.5 E	10.8 A	8.84	11.1	2.158	1.01 B	0.5508	15
16	0.2208	0.1308	0.0278	0.0028	0.2548E	27.0 E	9.74	8.83	10.2	2.088	0.9908	0.5338	16
17	0.2158	0.1158	0.0258	0.0028	0.2728E	30.5 E	9.00	8.70	9.23	2.018	0.9738	0.5168	17
18	0.2108	0.1138	0.0248	0.0028	0.3088E	29.5 E	8.21	8.41	8.488	1.988	0.9578	0.4988	18
19	0.2068	0.1148	0.0238	0.0018	0.3488E	28.0 E	7.18	8.22	8.808	1.888	0.9418	0.4828	19
20	0.2008	0.1128	0.0228	0.0018	0.4408E	25.0 E	8.83A	8.81	8.408	1.848	0.9258	0.4658	20
21	0.1848	0.1108	0.0208	0.0018	0.8008E	18.0 E	8.88	8.78	7.808	1.788	0.9128	0.4808	21
22	0.1888	0.1088	0.0188	0.0018	1.20 E	12.8 E	8.31	10.8	7.508	1.738	0.8988	0.4368	22
23	0.1828	0.1068	0.0188	0.0028	2.48 E	11.0 E	8.88	10.8	7.33	1.688	0.8888	0.4208	23
24	0.1788	0.1048	0.0158	0.0058	8.80 E	9.80E	8.15	9.84	8.84	1.638	0.8738	0.4058	24
25	0.1708	0.1028	0.0148	0.0088	12.8 E	8.70E	8.88	9.88	8.83	1.588	0.8608	0.3908	25
26	0.1848	0.1008	0.0148	0.0108	28.0 E	10.0 E	8.88	8.81	8.48	1.548	0.8488	0.3818	26
27	0.1888	0.0988	0.0148	0.0138	37.0 E	18.5 E	8.87	8.48	8.88	1.518	0.8368	0.3728	27
28	0.1828	0.0948	0.0148	0.0188	43.0 E	18.5 E	8.38	7.87	7.17	1.488	0.8248	0.3648	28
29	0.1488		0.0128	0.0228	45.8 E	21.0 E	8.87	7.82	8.88	1.438	0.8128	0.3588	28
30	0.1408		0.0128	0.0288	45.8 E	28.5 E	8.84	7.88	8.15	1.408	0.8008	0.3488	30
31	0.1348		0.0128		45.8 E		8.89	7.82		1.388		0.3408	31
TOTAL	7.037	3.278	1.135	0.224	271.802	771.30	347.30	317.21	247.18	81.48	30.808	18.878	TOTAL
MEAN	0.227	0.117	0.037	0.007	8.78	25.7	11.2	10.2	8.24	2.63	1.03	0.644	MEAN
MAX	0.388	0.131	0.080	0.028	45.8	48.2	24.5	18.8	11.1	5.81	1.34	0.788	MAX
MIN	0.134	0.084	0.012	0.001	0.040	8.70	8.84	7.18	8.15	1.38	0.800	0.340	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.74
MAXIMUM DAILY, 45.8E ON MAY 31
MINIMUM DAILY, 0.0018 ON APR 18

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 52 03 N
LONG 138 17 14 W
DRAINAGE AREA, 1 130 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	808	JUL	30 000
FEB	283	AUG	27 400
MAR	98.1	SEP	21 400
APR	19.4	OCT	7 040
MAY	23 600	NOV	2 680
JUN	66 600	DEC	1 480

TOTAL DISCHARGE, 181 000 dam³

BONNET PLUME RIVER ABOVE GILLESPIE CREEK - STATION NO. 10MB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.00B	5.40B	5.30B	5.70B	6.00B	281	94.4	47.1	34.2	22.3	14.5B	11.3 B	1
2	7.00B	5.40B	5.30B	5.70B	6.30B	246	91.0	48.6	32.9	22.1	14.5B	11.4 B	2
3	6.80B	5.40B	5.20B	5.70B	6.70B	219	81.1	46.0	32.3	22.5	14.6B	11.5 B	3
4	6.80B	5.40B	5.20B	5.70B	9.20B	275	76.1	65.3	31.5	22.2	14.6B	11.4 B	4
5	6.70B	5.40B	5.10B	5.70B	9.60B	266	74.1	56.4	31.8	21.1	14.5B	11.3 B	5
6	6.60B	5.50B	5.10B	5.70B	10.5 B	257	78.3	52.6	33.6	20.1	14.4B	11.1 B	6
7	6.60B	5.50B	5.00B	5.70B	11.6 B	281	78.7	50.6	34.5	20.5	14.0B	11.0 B	7
8	6.60B	5.60B	5.00B	5.80B	13.4 B	274	76.4	49.1	33.2	21.0	13.4B	10.9 B	8
9	6.60B	5.60B	5.00B	5.80B	16.0 B	241	75.8	48.1	32.0	20.0	13.0B	10.7 B	9
10	6.60B	5.70B	5.00B	5.80B	19.0 B	228	76.6	46.1	31.1	19.6	12.6B	10.6 B	10
11	6.60B	5.70B	5.10B	5.90B	22.0 B	225	76.3	44.6	31.1	18.3	12.2B	10.6 B	11
12	6.50B	5.70B	5.10B	5.90B	26.0 B	215	61.6	44.0	33.6	13.6	11.6B	10.5 B	12
13	6.50B	5.70B	5.20B	5.90B	34.0 B	218	75.5	45.6	38.2	11.4	11.7B	10.5 B	13
14	6.40B	5.70B	5.30B	6.00B	48.0 B	240	74.1	49.4	39.2	10.3B	11.3B	10.4 B	14
15	6.30B	5.60B	5.30B	6.00B	60.0 B	267	73.8	51.1	38.2	10.4B	11.1B	10.3 B	15
16	6.20B	5.50B	5.40B	6.10B	84.0 B	218	70.9	45.9	35.4	11.1B	11.0B	10.2 B	16
17	6.00B	5.50B	5.40B	6.10B	96.5 A	184	65.1	43.9	32.9	13.0B	11.0B	9.90B	17
18	5.90B	5.50B	5.40B	6.20B	97.3	177	61.5	42.5	30.7	14.6B	11.0B	9.60B	18
19	5.80B	5.50B	5.40B	6.30B	104	166	58.5	42.2	29.0	15.2B	11.0B	9.40B	19
20	5.80B	5.50B	5.40B	6.40B	99.9	160	58.0	41.6	26.5	15.7B	11.0B	9.20B	20
21	5.70B	5.50B	5.40B	6.50B	107	154	59.3	41.6	22.5	15.9B	11.0B	9.10B	21
22	5.70B	5.40B	5.40B	6.50B	127	150	59.5	40.9	27.8	15.9B	11.1B	9.10B	22
23	5.80B	5.40B	5.40B	6.70B	150	148	58.6	40.0	26.9	15.6B	11.1B	9.00B	23
24	5.80B	5.40B	5.40B	6.80B	153	144	54.7	36.7	27.9	15.7B	11.1B	9.00B	24
25	5.70B	5.40B	5.40B	7.00B	166	150	53.0	37.6	27.2	15.3B	11.1B	9.00B	25
26	5.60B	5.40B	5.40B	7.10B	165	137	52.1	36.7	26.6	15.0B	11.0B	8.90B	26
27	5.60B	5.30B	5.40B	7.30B	165	133	51.2	36.2	25.9	14.9B	11.0B	8.80B	27
28	5.80B	5.30B	5.40B	7.40B	184	127	51.4	35.6	25.1	14.8B	11.0B	8.70B	28
29	5.50B		5.50B	7.60B	236	114	49.9	35.6	24.2	14.8B	11.1B	8.50B	29
30	5.40B		5.50B	7.80B	276	100	46.7	35.3	23.1	14.5B	11.2B	8.30B	30
31	5.40B		5.80B		310		46.1	34.9		14.5B		8.20B	31
TOTAL	191.20	154.00	164.00	188.90	2 835.40	6 025	2 071.1	1 387.7	919.0	512.1	364.0	308.30	TOTAL
MEAN	6.17	5.50	5.29	6.30	91.5	201	66.8	44.1	30.6	16.5	12.1	9.95	MEAN
MAX	7.00	5.70	5.80	7.80	310	281	94.4	55.6	39.2	22.5	14.6	11.5	MAX
MIN	5.40	5.30	5.00	5.70	6.00	100	46.1	34.9	22.5	10.3	11.0	8.20	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 41.4
MAXIMUM DAILY, 310 ON MAY 31
MINIMUM DAILY, 5.00B ON MAR 7
MAXIMUM INSTANTANEOUS,
320 AT 06:37 YST ON MAY 31

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 44 54 N
LONG 133 40 50 W
DRAINAGE AREA, 3 760 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	16 500	JUL	179 000
FEB	13 300	AUG	118 000
MAR	14 200	SEP	79 400
APR	16 300	OCT	44 200
MAY	245 000	NOV	31 400
JUN	521 000	DEC	26 600

TOTAL DISCHARGE, 1 300 000 dam³

DEZADEASH RIVER AT HAINES JUNCTION - STATION NO. 08AA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	31.4B	26.5B	24.9B	22.0B	120 B	112	116	58.9	47.5	48.8	34.1B	31.8B	1
2	31.3B	26.6B	24.8B	22.0B	105	95.3	120	56.4	44.6	48.5	34.0B	31.9B	2
3	31.1B	26.7B	24.4B	22.0B	99.3	99.7	122	57.6	44.1	46.7	33.6B	32.0B	3
4	31.0B	26.7B	24.0B	22.0B	104	124	110	58.5	45.7	48.2	33.3B	32.1B	4
5	30.3B	26.6B	23.6B	21.8B	108	127	105	59.7	46.2	48.3	33.0B	32.1B	5
6	29.9B	26.5B	23.2B	21.7B	97.9	125	99.8	62.4	48.1	44.5	32.5B	32.3B	6
7	29.9B	26.5B	22.9B	21.5B	89.6	126	98.6	67.2	46.3	44.7	32.4B	32.6B	7
8	29.9B	26.5B	22.9B	21.6B	89.0	115	95.9	56.2	46.3	45.1	32.6B	32.9B	8
9	29.8B	26.5B	22.4B	21.6B	86.5	111	93.5	54.2	44.9	47.6	33.0B	33.1B	9
10	29.8B	26.5B	22.4B	21.6B	84.6	102	95.6	50.9	42.6	48.7	33.1B	33.1B	10
11	29.6B	26.5B	22.4B	21.7B	78.7	98.0	99.3	60.4	43.4	48.3	33.4B	33.0B	11
12	29.7B	26.5B	22.5B	21.8B	67.2	95.4	96.6	57.3	43.5	47.4	33.4B	33.0B	12
13	29.6B	26.4B	22.7B	22.0B	63.0	97.0	96.7	56.4	43.2	45.2	33.2B	32.8B	13
14	29.4B	26.7B	22.7B	22.3B	78.3	107	94.4	54.9	43.4	44.0B	33.0B	32.5B	14
15	29.4B	26.6B	22.8B	22.7B	74.2	124	90.0	55.6	45.0	43.0B	33.0B	32.1B	15
16	29.4B	26.5B	22.9B	23.0B	64.9	111	86.3	55.9	44.8	42.0B	32.9B	31.8B	16
17	29.3B	26.3B	23.0B	23.6B	60.8	99.6	82.5	55.4	43.2	41.0B	32.8B	31.5B	17
18	29.2B	26.2B	23.0B	24.7B	58.2	94.7	81.0	52.3	46.0	40.0B	32.5B	31.0B	18
19	29.1B	26.1B	23.0B	25.4B	60.2	92.7	77.4	51.8	41.6	39.3B	32.0B	30.9B	19
20	28.8B	26.0B	23.0B	26.4B	59.9	91.3	76.1	51.1	40.4	38.9B	32.0B	30.8B	20
21	28.9B	26.0B	23.0B	27.3B	61.1	90.4	73.6	52.7	39.7	37.6B	32.0B	30.7B	21
22	28.9B	26.0B	23.0B	27.7B	71.2	87.4	72.7	57.7	52.1	36.6B	32.0B	30.8B	22
23	28.5B	26.0B	22.9B	28.0B	74.6	85.3	69.5	56.0	55.2	35.2B	32.0B	30.9B	23
24	28.2B	26.0B	22.8B	32.0B	71.0	86.1	67.4	56.1	51.3	35.6B	31.9B	31.0B	24
25	28.3B	26.0B	22.8B	35.3B	66.3	92.4	66.6	54.0	49.4	35.3B	31.8B	31.0B	25
26	28.3B	25.9B	22.8B	39.0B	69.6	99.4	63.9	53.1	50.7	35.0B	31.7B	31.6B	26
27	28.1B	25.7B	22.6B	46.0B	75.5	101	63.0	48.9	50.6	34.7B	31.7B	31.1B	27
28	27.9B	25.3B	22.4B	54.3B	80.9	101	64.6	49.3	49.6	34.3B	31.7B	31.0B	28
29	26.9B		22.2B	64.0B	99.9	108	61.0	50.5	49.6	34.1B	31.7B	31.0B	29
30	26.9B		22.1B	87.0B	127	116	58.6	47.9	47.5	34.0B	31.7B	30.8B	30
31	26.5B		22.0B		130		58.5	47.3		34.2B		30.7B	31
TOTAL	905.0	736.3	712.0	892.3	2 618.4	3 118.7	2 659.5	1 739.3	1 385.3	1 285.9	976.1	983.5	TOTAL
MEAN	29.2	26.3	23.0	29.7	84.5	104	85.8	56.1	46.2	41.5	32.5	31.7	MEAN
MAX	31.4	26.7	24.9	87.0	130	127	122	67.2	55.2	48.7	34.1	33.1	MAX
MIN	26.5	25.3	22.0	21.5	58.2	85.3	58.5	47.3	39.7	34.0	31.7	30.7	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 49.4
MAXIMUM DAILY, 130 ON MAY 31
MINIMUM DAILY, 21.5B ON APR 7
MAXIMUM INSTANTANEOUS,
141 AT 08:43 YST ON MAY 31

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 44 54 N
LONG 137 30 19 W
DRAINAGE AREA, 8 500 km²

B - ICE CONDITIONS

REGULATED SINCE 1974

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	78 200	JUL	230 000
FEB	63 600	AUG	150 000
MAR	61 500	SEP	120 000
APR	77 100	OCT	111 000
MAY	226 000	NOV	84 300
JUN	270 000	DEC	85 000

TOTAL DISCHARGE, 1 580 000 dam³

YUKON TERRITORY

DONJEK RIVER BELOW KLUANE RIVER - STATION NO. 09CA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	35.0B	27.3B	21.3B	18.0B	48.0E	181	383	827	276	98.9	38.0B	20.1B	1
2	35.0B	27.1B	21.1B	18.0B	64.0E	193	491	887	238	104	37.0B	19.8B	2
3	34.0B	26.0B	21.0B	18.0B	80.0E	192	498	888	235	100	36.4B	19.8B	3
4	34.2B	25.8B	20.8B	18.0B	85.0E	211	363	484	187	91.1	35.2B	19.2B	4
5	33.6B	26.0B	20.8B	18.0B	80.0E	263	380	408	173	101	34.0B	18.0B	5
6	33.0B	25.4B	20.0B	18.0B	73.0E	245	421	389	189	95.0	33.2B	18.7B	6
7	33.4B	25.2B	20.0B	18.7B	70.0E	241	481	378	212	100	32.4B	18.4B	7
8	33.2B	25.2B	20.2B	18.0B	77.0E	238	841	387	238	102	31.8B	18.2B	8
9	33.0B	25.1B	20.1B	18.0B	84.0E	229	808	336	280	95.4	30.6B	18.0B	9
10	32.8B	25.0B	20.0B	18.0B	84.0E	211	834	337	338	85.0	30.0B	17.8B	10
11	32.8B	25.6B	19.8B	18.6B	88.0E	207	851	383	380	78.8	29.3B	17.8B	11
12	32.4B	25.8B	19.8B	18.8B	83.0E	209	868	430	384	73.7	28.0B	17.4B	12
13	32.2B	25.4B	19.4B	18.8B	78.0E	203	712	488	288	74.6A	28.0B	17.2B	13
14	32.0B	25.2B	19.2B	18.8B	75.0E	217	868	851	216	75.8B	27.2B	17.0B	14
15	31.8B	24.8B	19.0B	17.0B	73.0E	233	864	826	178	74.8B	26.8B	16.9B	15
16	31.8B	24.7B	18.8B	17.1B	73.0E	232	484	808	154	72.8B	25.3B	18.7B	16
17	31.4B	24.4B	18.6B	17.2B	74.0E	186	410	478	140	70.8B	25.8B	16.8B	17
18	31.2B	24.1B	18.4B	17.3B	77.0E	184	833	478	134	88.0B	25.2B	19.3B	18
19	31.0B	23.8B	18.2B	17.4B	86.0E	181	488	483	132	85.8B	24.8B	16.1B	19
20	30.8B	23.6B	18.1B	17.6B	116 E	188	836	478	118	84.0B	24.2B	16.0B	20
21	30.6B	23.3B	18.0B	17.8B	132 E	241	848	443	111	81.0B	23.8B	15.9B	21
22	30.2B	23.1B	17.8B	18.1B	134 E	258	842	378	118	88.6B	23.2B	16.6B	22
23	30.0B	22.8B	17.7B	18.2B	112 E	272	816	328	124	85.6B	22.6B	15.6B	23
24	29.8B	22.6B	17.6B	18.8B	102 E	302	482	318	119	83.0B	22.4B	15.5B	24
25	29.4B	22.4B	17.4B	19.2B	88.0A	382	480	318	138	80.6B	22.0B	15.4B	25
26	29.1B	23.1B	17.2B	20.0B	86.4	336	433	338	131	48.6B	21.7B	15.2B	26
27	28.8B	21.8B	17.1B	21.1B	100	302	433	348	131	46.0B	21.3B	15.1B	27
28	28.6B	21.6B	17.0B	22.6B	116	242	487	384	113	44.8B	21.0B	15.0B	28
29	28.2B		16.8B	25.0B	131	278	498	380	108	43.0B	20.8B	14.8B	29
30	27.8B		16.8B	30.0B	154	310	522	347	102	41.8B	20.4B	14.8B	30
31	27.6B		16.6B		184		537	314		40.0B		14.7B	31
TOTAL	976.7	692.8	585.8	548.8	2 840.4	7 087	15 838	13 085	5 842	2 241.7	825.2	524.2	TOTAL
MEAN	31.5	24.7	18.8	18.3	84.9	238	804	421	188	72.3	27.5	16.9	MEAN
MAX	35.6	27.3	21.3	30.0	184	382	712	898	380	102	38.6	20.1	MAX
MIN	27.6	21.6	16.6	18.7	48.0	183	383	314	102	40.0	20.4	14.7	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 138
MAXIMUM DAILY, 712 ON JUL 13
MINIMUM DAILY, 14.7B ON DEC 31
MAXIMUM INSTANTANEOUS,
782 AT 13:30 YST ON JUL 13

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 04 58 N
LONG 139 01 38 W
DRAINAGE AREA, 12 400 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	84 300	JUL	1 380 000
FEB	59 800	AUG	1 130 000
MAR	50 500	SEP	487 000
APR	47 500	OCT	194 000
MAY	284 000	NOV	71 300
JUN	611 000	DEC	45 300

TOTAL DISCHARGE, 4 380 000 dam³

DUKE RIVER NEAR THE MOUTH - STATION NO. 09CA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.08B	1.88B	1.84B	1.30B	12.0 B	8.76	21.8	27.7	11.1	5.01	2.13B	1.91B	1
2	2.08B	1.83B	1.83B	1.30B	14.8	7.81	28.6	27.3	10.2	4.87	2.08B	1.92B	2
3	2.05B	1.81B	1.83B	1.30B	16.1	11.8	18.2	21.7	9.48	4.87	2.00B	1.83B	3
4	2.06B	1.80B	1.80B	1.30B	15.5	16.0	16.8	20.0	8.90	4.88	1.93B	1.88B	4
5	2.04B	1.80B	1.40B	1.31B	12.4	16.0	17.8	20.8	8.74	4.88	1.88B	1.88B	5
6	2.04B	1.88B	1.47B	1.31B	8.17	16.7	20.2	28.0	12.7	4.81	1.87B	1.88B	6
7	2.02B	1.88B	1.44B	1.31B	7.21	16.8	21.8	28.8	12.4	4.82	2.02B	1.88B	7
8	2.01B	1.88B	1.42B	1.32B	8.73	15.8	24.4	30.4	13.4	4.86	2.08B	2.00B	8
9	1.88B	1.80B	1.41B	1.32B	8.10	13.8	27.8	18.3	14.6	4.83	2.08B	2.02B	9
10	1.88B	1.80B	1.38B	1.33B	8.24	8.81	32.0	20.4	15.4	4.43B	2.08B	2.03B	10
11	1.86B	1.80B	1.38B	1.33B	8.88	8.88	38.7	22.8	12.3	4.40B	2.03B	2.04B	11
12	1.92B	1.80B	1.40B	1.34B	8.12	8.08	38.8	24.1	10.7	4.10B	2.01B	2.03B	12
13	1.81B	1.80B	1.38B	1.34B	4.84	10.8	31.4	24.8	9.88	3.80B	2.01B	2.01B	13
14	1.81B	1.80B	1.38B	1.36B	3.88	13.8	24.0	21.8	9.82	3.38B	2.00B	1.88B	14
15	1.91B	1.88B	1.38B	1.38B	3.23	10.8	20.3	19.7	7.82	3.37B	2.01B	1.88B	15
16	1.91B	1.88B	1.38B	1.38B	2.33	8.84	17.0	18.5	8.88	3.33B	2.03B	1.91B	16
17	1.91B	1.88B	1.38B	1.40B	2.78	8.34	17.3	18.0	8.21	3.30B	2.03B	1.88B	17
18	1.91B	1.88B	1.38B	1.42B	4.00	4.84	22.4	18.8	8.87	3.22B	2.00B	1.87B	18
19	1.91B	1.88B	1.38B	1.47B	3.88	8.30	28.1	18.8	8.78	3.20B	1.88B	1.88B	19
20	1.90B	1.88B	1.38B	1.48B	3.84	8.80	28.8	18.4	8.88	3.18B	1.87B	1.88B	20
21	1.90B	1.88B	1.38B	1.63B	4.27	11.1	24.7	27.3	8.71	3.10B	1.88B	1.88B	21
22	1.90B	1.88B	1.40B	1.88B	4.13	11.3	24.3	21.4	8.38	2.90B	1.84B	1.88B	22
23	1.90B	1.88B	1.41B	1.84B	3.48	12.8	22.8	18.2	8.87	2.90B	1.83B	1.87B	23
24	1.88B	1.88B	1.40B	1.88B	2.78	18.1	19.8	18.3	8.86	2.90B	1.81B	1.88B	24
25	1.88B	1.87B	1.38B	1.80B	2.35	12.4	18.8	18.8	8.88	2.87B	1.90B	1.88B	25
26	1.88B	1.87B	1.32B	2.03B	2.33	7.88	20.0	18.8	8.78	2.77B	1.90B	1.88B	26
27	1.88B	1.88B	1.38B	2.48B	4.38	8.83	22.7	18.2	8.84	2.88B	1.90B	1.88B	27
28	1.88B	1.88B	1.28B	3.50B	8.81	14.1	28.8	18.2	8.48	1.20B	1.90B	1.87B	28
29	1.88B		1.28B	4.88B	12.0	18.3	28.0	14.1	8.20	1.34B	1.90B	1.88B	29
30	1.80B		1.30B	7.10B	13.8	21.4	24.3	13.4	8.08	1.70B	1.91B	1.84B	30
31	1.71B		1.30B		12.3		28.8	11.8		1.88B		1.83B	31
TOTAL	59.84	44.83	43.37	55.31	213.84	349.24	738.2	620.9	283.34	108.98	59.45	59.80	TOTAL
MEAN	1.93	1.88	1.40	1.84	6.88	11.8	23.8	20.0	8.44	3.51	1.98	1.92	MEAN
MAX	2.08	1.88	1.84	7.10	18.8	21.4	38.0	27.7	15.4	5.01	2.13	2.04	MAX
MIN	1.71	1.88	1.38	1.30	2.33	4.84	18.8	11.8	8.08	1.20	1.88	1.83	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.14
MAXIMUM DAILY, 38.0 ON JUL 12
MINIMUM DAILY, 1.20B ON OCT 28
MAXIMUM INSTANTANEOUS,
81.6 AT 23:04 YST ON JUL 11

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 31 37 N
LONG 139 09 33 W
DRAINAGE AREA, 631 km²
B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 180	JUL	83 800
FEB	3 880	AUG	53 800
MAR	3 780	SEP	21 900
APR	4 780	OCT	6 410
MAY	18 400	NOV	5 140
JUN	30 200	DEC	5 150

TOTAL DISCHARGE, 235 000 dam³

YUKON TERRITORY

EAGLE RIVER AT DEMPSTER HIGHWAY BRIDGE - STATION NO. 09FB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0088	0.0148	0.0028	0.0018	0.5008	40.1	38.7	11.9	8.88	5.17	1.03 B	0.7138	1
2	0.0038	0.0138	0.0028	0.0028	1.50 B	38.5	32.3	10.1	10.8	4.81	1.02 B	0.7048	2
3	0.0088	0.0118	0.0028	0.0028	8.00 E	36.2	28.1	8.45	12.5	4.43	1.01 B	0.6988	3
4	0.0048	0.0088	0.0028	0.0028	55.0 E	22.8	19.5	7.33	14.8	3.88	1.00 B	0.6888	4
5	0.0068	0.0068	0.0018	0.0028	88.0 E	23.7	15.0	7.12	14.4	3.78	0.9908	0.6808	5
6	0.0778	0.0078	0.0018	0.0028	88.0 E	22.7	11.8	8.85	13.8	3.38	0.9788	0.6728	6
7	0.0748	0.0088	0.0018	0.0028	85.3 A	18.5	9.42	8.41	15.3	3.47	0.9828	0.6848	7
8	0.0718	0.0068	0.0018	0.0028	70.1	22.8	7.85	8.83	15.8	3.24	0.9488	0.6888	8
9	0.0688	0.0048	0.0018	0.0028	60.0	25.0	7.13	8.83	13.7	2.84	0.9348	0.6488	9
10	0.0658	0.0038	0.0018	0.0038	32.1	31.8	8.40	4.95	11.8	2.87	0.9208	0.6408	10
11	0.0618	0.0038	0.0018	0.0038	15.0	21.8	11.8	4.45	10.8	2.37	0.9088	0.6328	11
12	0.0588	0.0038	0.0018	0.0038	10.2	31.7	14.8	4.13	18.8	2.108	0.8868	0.6248	12
13	0.0568	0.0038	0.0018	0.0048	7.48	25.8	13.6	3.88	28.1	1.728	0.8848	0.6188	13
14	0.0538	0.0038	0.0018	0.0058	8.45	20.8	11.0	3.77	30.8	1.588	0.8728	0.6088	14
15	0.0508	0.0028	0.0018	0.0068	8.20	27.7	9.43	3.88	32.8	1.448	0.8808	0.6008	15
16	0.0478	0.0028	0.0018	0.0078	8.38	38.3	7.82	3.72	28.8	1.378	0.8528	0.5848	16
17	0.0448	0.0028	0.0018	0.0088	8.88	32.4	8.88	3.73	28.8	1.328	0.8448	0.5888	17
18	0.0418	0.0028	0.0018	0.0098	8.88	38.8	8.84	3.74	21.8	1.288	0.8388	0.5828	18
19	0.0388	0.0028	0.0018	0.0118	10.1	33.2	8.88	3.82	18.8	1.228	0.8288	0.5788	19
20	0.0358	0.0028	0.0018	0.0138	18.8	18.1	8.08	3.78	13.3	1.218	0.8208	0.5708	20
21	0.0338	0.0028	0.0018	0.0158	25.8	13.8	8.81	4.38	10.4	1.188	0.8128	0.5688	21
22	0.0318	0.0028	0.0018	0.0178	36.8	10.0	12.7	30.3	8.17	1.178	0.8048	0.5588	22
23	0.0298	0.0028	0.0018	0.0208	38.7	8.41	21.4	35.1	7.71	1.188	0.7988	0.5488	23
24	0.0278	0.0028	0.0018	0.0248	32.7	10.8	21.8	28.3	8.47	1.188	0.7888	0.5388	24
25	0.0258	0.0028	0.0018	0.0308	18.7	201	18.7	25.8	8.17	1.148	0.7848	0.5288	25
26	0.0238	0.0028	0.0018	0.0408	18.8	357	15.2	20.8	8.25	1.128	0.7888	0.5188	26
27	0.0218	0.0028	0.0018	0.0528	20.5	178	11.8	14.8	8.18	1.108	0.7888	0.5108	27
28	0.0188	0.0028	0.0018	0.0728	28.1	93.8	12.4	10.8	8.18	1.088	0.7448	0.5088	28
29	0.0168		0.0018	0.1108	34.4	58.3	16.0	7.85	8.81	1.088	0.7328	0.5008	29
30	0.0178		0.0018	0.2308	37.8	48.8	18.3	8.40	8.14	1.068	0.7208	0.4958	30
31	0.0188		0.0018		37.8		13.7	8.28		1.048		0.4908	31
TOTAL	1.536	0.120	0.035	0.888	570.720	1 811.81	434.48	304.89	426.03	88.48	28.090	18.488	TOTAL
MEAN	0.050	0.004	0.001	0.023	28.1	60.4	14.0	9.84	14.2	2.11	0.870	0.598	MEAN
MAX	0.088	0.014	0.002	0.220	88.0	357	38.7	38.1	32.8	8.17	1.03	0.712	MAX
MIN	0.018	0.002	0.001	0.001	0.800	8.41	8.08	3.88	8.14	1.04	0.720	0.480	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.0
MAXIMUM DAILY, 357 ON JUN 26
MINIMUM DAILY, 0.0018 ON MAR 5
MAXIMUM INSTANTANEOUS,
407 AT 04:55 YST ON JUN 26

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 26 30 N
LONG 138 42 30 W
DRAINAGE AREA, 1 720 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	132	JUL	37 500
FEB	10.4	AUG	26 200
MAR	3.02	SEP	35 700
APR	88.5	OCT	5 880
MAY	75 200	NOV	2 250
JUN	131 000	DEC	1 600

TOTAL DISCHARGE, 318 000 dam³

PIRTH RIVER NEAR THE MOUTH - STATION NO. 10MD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	0B	0 B	425	88.8	88.1	84.2	42.2	4.85 B	0.7208	1
2	0B	0B	0B	0B	0 B	267	88.1	84.8	83.7	40.8	4.80 B	0.7208	2
3	0B	0B	0B	0B	0 B	144	87.8	78.8	83.2	40.2	4.35 B	0.8308	3
4	0B	0B	0B	0B	0 B	113	80.7	142	82.2	39.8	4.10 B	0.8888	4
5	0B	0B	0B	0B	0 B	102	83.8	118	82.8	37.8	3.90 B	0.8588	5
6	0B	0B	0B	0B	0 B	83.2	82.3	93.7	81.8	36.1	3.72 B	0.5008	6
7	0B	0B	0B	0B	0 B	85.8	71.8	82.0	84.7	38.2	3.52 B	0.4408	7
8	0B	0B	0B	0B	0 B	82.2	114	74.4	84.8	37.8	3.33 B	0.4008	8
9	0B	0B	0B	0B	0 B	85.8	141	88.3	82.0	35.4	3.18 B	0.3808	9
10	0B	0B	0B	0B	0.4008	83.3	308	80.4	88.8	31.8	3.02 B	0.3208	10
11	0B	0B	0B	0B	1.00 B	81.2	174	82.8	88.8	29.4	2.87 B	0.2808	11
12	0B	0B	0B	0B	1.80 B	84.1	111	80.1	84.8	28.8 B	2.74 B	0.2808	12
13	0B	0B	0B	0B	2.20 B	73.1	88.8	88.7	84.8	25.7 B	2.62 B	0.2208	13
14	0B	0B	0B	0B	2.80 B	86.8	80.1	88.0	118	23.0 B	2.50 B	0.2008	14
15	0B	0B	0B	0B	4.00 B	87.0	71.7	87.8	114	20.8 B	2.38 B	0.1708	15
16	0B	0B	0B	0B	5.00 B	87.8	70.8	108	100	18.8 B	2.28 B	0.1508	16
17	0B	0B	0B	0B	7.00 B	88.1	78.2	108	88.1	18.7 B	2.18 B	0.1208	17
18	0B	0B	0B	0B	10.0 B	82.2	80.8	88.4	77.2	18.0 B	2.10 B	0.1008	18
19	0B	0B	0B	0B	14.0 B	84.4	76.0	85.8	87.7	13.8 B	2.02 B	0.0808	19
20	0B	0B	0B	0B	18.0 B	88.8	70.8	80.1	81.7	12.4 B	1.90 B	0.0808	20
21	0B	0B	0B	0B	25.0 B	88.7	82.3	103	82.8	11.2 B	1.75 B	0.0408	21
22	0B	0B	0B	0B	38.0 B	88.7	88.4	107	48.8	10.2 B	1.62 B	0.0308	22
23	0B	3B	0B	0B	80.0 B	81.8	88.0	101	80.8	8.808	1.50 B	0.0208	23
24	0B	0B	0B	0B	70.0 B	80.0	83.8	88.7	48.8	8.708	1.38 B	0.0188	24
25	0B	0B	0B	0B	100 B	78.8	81.8	81.8	48.8	8.008	1.28 B	0.0108	25
26	0B	0B	0B	0B	150 B	74.7	57.8	73.8	48.4	7.408	1.20 B	0.0058	26
27	0B	0B	0B	0B	230 B	81.2	74.7	88.0	46.8	8.808	1.10 B	0 B	27
28	0B	0B	0B	0B	280 B	88.8	76.8	87.2	45.4	8.408	1.02 B	0 B	28
29	0B		0B	0B	480 B	87.8	78.4	84.8	42.8	8.008	0.9408	0 B	29
30	0B		0B	0B	480 B	87.1	88.8	84.1	42.8	5.008	0.8808	0 B	30
31	0B		0B		480 B		82.2	88.2		5.288		0 B	31
TOTAL	0	0	0	0	2 488.100	2 843.7	2 838.8	2 837.7	1 845.8	888.28	74.080	7.080	TOTAL
MEAN	0	0	0	0	80.5	84.8	84.7	81.8	84.8	21.5	2.50	0.228	MEAN
MAX	0	0	0	0	480	425	308	143	118	42.2	4.85	0.780	MAX
MIN	0	0	0	0	0	84.4	51.8	88.0	42.8	5.28	0.880	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 26.2
MAXIMUM DAILY, 480B ON MAY 30
MINIMUM DAILY, 0B ON JAN 1

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 18 00 N
LONG 138 34 00 W
DRAINAGE AREA, 5 710 km²
B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	227 000
FEB	0	AUG	218 000
MAR	0	SEP	188 000
APR	0	OCT	57 800
MAY	218 000	NOV	8 480
JUN	268 000	DEC	813

TOTAL DISCHARGE, 1 140 000 dam³

REMARKS - SPRING VALUES (B) AND DATES OF ZERO FLOW TO BE USED WITH DISCRETION

YUKON TERRITORY

FORTYMILE RIVER NEAR THE MOUTH - STATION NO. 09EC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.14 B	0.0198	0.0488	0.1508	7.00E	224	309	41.8	24.8	104	8.728	4.858	1
2	1.10 B	0.0198	0.0518	0.1618	12.0 E	178	247	48.8	24.8	81.8	8.848	4.828	2
3	1.08 B	0.0198	0.0538	0.1738	18.0 E	133	226	48.0	24.4	80.8	8.888	4.888	3
4	1.01 B	0.0198	0.0588	0.1848	25.0 E	108	218	47.8	24.3	78.8	8.488	4.848	4
5	0.9708	0.0198	0.0588	0.1958	38.0 E	108	192	48.8	23.8	80.8	8.408	4.808	5
6	0.9288	0.0198	0.0598	0.2148	84.0 E	803	114	48.2	23.8	82.2	8.308	4.448	6
7	0.8828	0.0198	0.0818	0.2318	90.0 E	1 100	81.2	43.8	23.2	80.8	8.208	4.388	7
8	0.8388	0.0208	0.0628	0.2488	123 E	720	73.7	40.8	22.8	80.8	8.108	4.328	8
9	0.7848	0.0208	0.0638	0.2688	140 E	483	61.8	37.8	22.8	47.8	8.008	4.288	9
10	0.7508	0.0208	0.0688	0.2848	188 E	320	58.8	34.4	22.8	44.8	8.908	4.208	10
11	0.8448	0.0208	0.0688	0.3128	200 E	241	84.1	32.8	22.2	41.2	8.858	4.128	11
12	0.5388	0.0218	0.0678	0.3408	243 E	203	81.1	30.7	22.4	38.3	8.808	4.048	12
13	0.4328	0.0228	0.0688	0.3888	288 E	188	81.4	28.7	22.4	31.0 B	8.758	3.988	13
14	0.3288	0.0228	0.0888	0.3878	328 E	148	41.8	26.8	22.4	21.0 B	8.708	3.948	14
15	0.2208	0.0238	0.0708	0.4258	370 E	124	38.8	24.8	22.8	18.0 B	8.858	3.808	15
16	0.1888	0.0248	0.0728	0.8048	440 E	147	38.7	24.4	23.4	11.0 B	8.808	3.648	16
17	0.1578	0.0268	0.0748	0.8928	430 E	178	80.0	23.8	23.8	8.808	8.558	3.488	17
18	0.1288	0.0278	0.0768	0.8788	381 A	174	107	22.4	23.2	8.108	8.508	3.328	18
19	0.0848	0.0288	0.0788	0.7588	340	147	81.4	22.4	21.7	8.808	8.458	3.188	19
20	0.0628	0.0288	0.0808	0.8438	288	132	80.8	23.2	20.8	8.508	8.408	3.008	20
21	0.0558	0.0318	0.0848	1.05 B	202	118	88.8	25.8	20.2	8.308	8.328	2.848	21
22	0.0488	0.0338	0.0878	1.17 B	171	118	82.8	26.4	20.8	8.108	8.248	2.688	22
23	0.0418	0.0388	0.0908	1.36 B	158	111	88.0	26.2	21.1	7.908	8.188	2.528	23
24	0.0348	0.0378	0.0948	1.58 B	188	102	88.1	27.1	21.3	7.708	8.088	2.388	24
25	0.0278	0.0388	0.0978	1.80 B	317	90.8	80.8	26.8	22.7	7.508	8.008	2.208	25
26	0.0288	0.0418	0.1048	2.35 B	284	321	88.2	28.4	28.8	7.388	4.848	2.128	26
27	0.0248	0.0438	0.1118	2.70 B	241	338	88.8	26.0	74.2	7.288	4.888	2.068	27
28	0.0238	0.0488	0.1148	3.36 B	200	422	83.8	24.8	148	7.148	4.838	1.988	28
29	0.0228		0.1248	4.00 B	187	414	81.2	24.1	153	7.028	4.788	1.928	29
30	0.0218		0.1318	5.12 E	185	337	47.8	24.0	128	6.918	4.708	1.888	30
31	0.0198		0.1368		178		43.4	24.1		6.808		1.808	31
TOTAL	12.588	0.748	2.474	31.837	8 234.00	7 788.5	3 021.0	878.8	1 088.3	926.31	188.48	105.23	TOTAL
MEAN	0.408	0.028	0.080	1.08	201	288	87.5	31.8	36.8	29.8	8.85	3.38	MEAN
MAX	1.14	0.048	0.138	5.12	440	1 100	347	48.8	153	104	8.72	4.88	MAX
MIN	0.018	0.018	0.048	0.188	7.00	90.8	38.8	22.4	20.2	6.80	4.78	1.80	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 88.7
MAXIMUM DAILY, 1 100 ON JUN 7
MINIMUM DAILY, 0.0188 ON JAN 31
MAXIMUM INSTANTANEOUS,
1 210 AT 05:38 YST ON JUN 7

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 22 50 N
LONG 140 38 40 W
DRAINAGE AREA, 18 800 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 080	JUL	281 000
FEB	83.9	AUG	84 600
MAR	214	SEP	95 000
APR	2 780	OCT	80 000
MAY	838 000	NOV	14 800
JUN	671 000	DEC	9 080

TOTAL DISCHARGE, 1 780 000 dam³

FRANCES LAKE AT KILOMETRE 171.4 ROBERT CAMPBELL HIGHWAY - STATION NO. 10AB003

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.248	1.081	0.975	0.934	1.258	3.093	2.522	1.936	1.840	1.804	1.420	1.214	1
2	1.240	1.066	0.974	0.934	1.378	3.152	2.480	1.914	1.828	1.808	1.410	1.218	2
3	1.231	1.050	0.973	0.934	1.508	3.180	2.490	1.900	1.818	1.822	1.400	1.207	3
4	1.221	1.049	0.888	0.930	1.650	3.184	2.418	1.878	1.807	1.881	1.388	1.207	4
5	1.210E	1.048	0.873	0.931	1.784	3.195	2.368	1.882	1.800	1.874	1.398	1.205	5
6	1.200E	1.038	0.887	0.934	1.918	3.207	2.381	1.838	1.488	1.888	1.382	1.191	6
7	1.188E	1.030	0.888	0.928	2.030	3.218	2.318	1.822	1.481	1.812	1.382	1.183	7
8	1.178E	1.028	0.860	0.923	2.158	3.282	2.264	1.809	1.472	1.813	1.387	1.182	8
9	1.168E	1.026	0.888	0.928	2.300	3.377	2.263	1.804	1.488	1.821	1.380	1.173	9
10	1.172E	1.021	0.888	0.928	2.428	3.388	2.227	1.793	1.480	1.838	1.332	1.158	10
11	1.184E	1.018	0.861	0.927	2.548	3.383	2.218	1.787	1.488	1.836	1.318	1.158	11
12	1.188E	1.017	0.880	0.928	2.811	3.338	2.187	1.780	1.448	1.833	1.288	1.159	12
13	1.180E	1.022	0.888	0.921	2.841	3.324	2.180	1.784	1.434	1.831	1.278	1.162	13
14	1.148E	1.018	0.880	0.921	2.888	3.358	2.178	1.748	1.438	1.832	1.278	1.162	14
15	1.138E	1.013	0.888	0.927	2.883	3.428	2.141	1.728	1.418	1.888	1.288	1.148	15
16	1.130E	1.004	0.888	0.928	2.888	3.438	2.111	1.708	1.407	1.877	1.288	1.138	16
17	1.122A	0.998	0.883	0.923	2.888	3.403	2.087	1.688	1.401	1.882	1.264	1.133	17
18	1.107	0.988	0.882	0.918	2.882	3.338	2.088	1.888	1.388	1.881	1.281	1.130	18
19	1.102	0.982	0.848	0.924	2.848	3.284	2.048	1.874	1.378	1.852	1.258	1.123	19
20	1.110	0.991	0.847	0.928	2.834	3.174	2.018	1.858	1.383	1.848	1.244	1.108	20
21	1.088	0.888	0.843	0.928	2.828	3.088	2.013	1.838	1.388	1.838	1.248	1.108	21
22	1.088	0.890	0.844	0.928	2.831	3.027	2.023	1.838	1.402	1.832	1.248	1.118	22
23	1.088	0.881	0.843	0.934	2.848	2.987	2.041	1.838	1.403	1.821	1.248	1.110	23
24	1.088	0.880	0.832	0.942	2.878	2.908	2.044	1.824	1.421	1.813	1.238	1.108	24
25	1.084	0.880	0.831	0.943	2.708	2.850	2.052	1.809	1.438	1.804	1.233	1.112	25
26	1.072	0.881	0.838	0.988	2.728	2.784	2.048	1.801	1.447	1.488	1.228	1.104	26
27	1.088	0.877	0.838	0.985	2.788	2.737	2.038	1.887	1.488	1.472	1.221	1.097	27
28	1.092	0.874	0.838	1.028	2.787	2.888	2.018	1.887	1.478	1.488	1.227	1.088	28
29	1.078		0.842	1.082	2.838	2.838	2.008	1.883	1.488	1.438	1.224	1.088	29
30	1.087		0.838	1.181	2.802	2.877	1.885	1.881	1.484	1.427	1.217	1.078	30
31	1.088		0.832		3.008		1.881	1.884		1.421		1.088	31
MEAN	1.140	1.011	0.883	0.947	2.424	3.137	2.188	1.733	1.481	1.647	1.298	1.144	MEAN
MAX	1.248	1.081	0.875	1.181	3.008	3.438	2.522	1.838	1.840	1.838	1.420	1.218	MAX
MIN	1.088	0.874	0.831	0.918	1.258	2.877	1.881	1.884	1.378	1.421	1.217	1.078	MIN

WATER LEVELS IN METRES

MEAN, 1.581
MAXIMUM DAILY, 3.438 ON JUN 18
MINIMUM DAILY, 0.918 ON APR 18
MAXIMUM INSTANTANEOUS,
3.443 AT 18:24 YST ON JUN 18

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 728.821 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 23 30 N
LONG 129 37 40 W

A - MANUAL GAUGE
E - ESTIMATED
NATURAL FLOW

YUKON TERRITORY

FRANCES RIVER NEAR WATSON LAKE - STATION NO. 10AB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	40.88	33.08	27.88	24.28	76.08	347	266	147	84.8	78.0	88.88	50.08	1
2	40.08	32.28	27.88	24.88	88.08	359	256	144	83.6	78.6	88.78	48.88	2
3	38.88	32.28	27.48	24.88	101 B	366	252	139	82.3	79.3	88.88	48.08	3
4	38.88	32.28	27.28	24.88	120 B	377	243	134	80.8	88.3	89.08	48.88	4
5	38.48	32.28	27.18	24.88	189 B	393	238	133	80.8	88.4	88.08	48.08	5
6	38.28	32.28	26.98	24.88	182	417	228	130	80.4	88.2	87.08	47.08	6
7	38.28	32.28	26.78	24.88	168	460	232	127	80.7	88.0	88.08	48.08	7
8	38.38	32.68	26.68	24.78	188	483	218	127	78.7	88.4	84.88	48.08	8
9	38.68	32.18	26.38	24.48	323	488	211	128	78.8	82.1	83.08	44.88	9
10	39.08	32.08	26.18	24.88	347	484	207	124	78.8	83.8	82.08	44.08	10
11	38.88	31.88	25.88	25.08	287	480	207	120	78.2	84.8	80.08	43.88	11
12	38.08	31.88	25.88	25.08	282	458	202	117	73.8	88.8	88.88	43.88	12
13	37.88	31.48	25.38	25.18	284	448	188	116	73.5	88.8	87.08	43.08	13
14	37.88	31.28	25.18	25.18	278	448	183	113	73.2	83.2	88.88	42.88	14
15	37.28	31.08	24.88	28.28	273	488	187	112	72.8	88.8	88.08	42.08	15
16	37.28	30.88	24.88	25.28	278	478	181	108	71.8	81.8	88.08	41.08	16
17	37.08	30.88	24.88	25.88	274	487	178	108	70.7	81.7	88.88	40.88	17
18	36.78	30.48	24.48	25.08	271	484	171	105	70.1	82.8	88.88	40.08	18
19	36.88	30.28	24.28	25.88	266	436	165	102	88.5	82.8	88.08	39.08	19
20	38.28	30.08	24.28	27.08	281	418	161	100	88.3	81.8	85.88	38.88	20
21	36.28	29.88	24.38	28.88	288	388	183	88.3	88.7	81.3	88.28	38.28	21
22	36.08	28.28	24.48	30.08	283	378	187	88.1	71.1	81.3	84.88	37.88	22
23	35.78	29.08	24.88	31.88	288	358	171	88.7	72.8	81.3	84.88	37.88	23
24	35.88	28.88	24.88	33.08	288	342	178	88.1	75.8	80.8	84.38	37.38	24
25	35.28	28.88	24.28	38.88	271	328	171	88.7	78.8	78.8	84.08	38.88	25
26	35.88	28.48	24.18	42.08	278	318	188	88.2	78.8	78.7	83.88	36.88	26
27	35.28	28.38	23.88	46.08	284	308	188	83.2	75.8	78.6	83.08	36.28	27
28	35.08	28.08	23.88	52.08	288	298	185	81.8	77.2	72.7	82.88	35.88	28
29	34.88		24.08	58.08	298	284	181	88.8	77.8	70.08	82.08	35.38	29
30	34.08		24.08	88.08	311	278	185	88.1	78.8	88.88	81.08	38.08	30
31	33.88		24.18		332		180	87.1		88.08		34.88	31
TOTAL	1 184.4	881.7	784.5	825.8	7 432.8	11 800	8 898	3 484.8	2 274.8	2 878.2	1 788.8	1 288.7	TOTAL
MEAN	37.2	30.8	25.3	30.8	240	387	183	112	75.8	83.2	88.8	41.8	MEAN
MAX	48.8	33.8	27.8	88.8	332	478	266	147	84.8	88.8	88.7	58.8	MAX
MIN	33.8	28.8	23.8	24.2	76.8	278	158	87.1	88.3	88.8	81.8	34.8	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 111
MAXIMUM DAILY, 478 ON JUN 18
MINIMUM DAILY, 22.88 ON MAR 27
MAXIMUM INSTANTANEOUS,
477 AT 03:42 YST ON JUN 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 38 38 N
LONG 128 07 08 W
DRAINAGE AREA, 12 800 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	98 700	JUL	818 000
FEB	74 800	AUG	288 000
MAR	67 800	SEP	187 000
APR	78 800	OCT	223 000
MAY	842 000	NOV	153 000
JUN	1 838 000	DEC	111 000

TOTAL DISCHARGE, 3 488 000 dam³

GILTANA CREEK NEAR THE MOUTH - STATION NO. 08AA008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.2808	0.1288	0.1328	0.1828	7.14	1.48	0.888	0.184	0.188	0.282	0.2788	0.1788	1
2	0.2488	0.1288	0.1308	0.1888	7.28	1.48	0.808	0.187	0.183	0.274	0.2808	0.1808	2
3	0.2488	0.1308	0.1288	0.1718	7.09	1.34	0.698	0.147	0.181	0.288	0.2818	0.1818	3
4	0.2488	0.1308	0.1288	0.1748	8.78	1.28	0.678	0.138	0.188	0.288	0.2788	0.1818	4
5	0.2438	0.1308	0.1278	0.1848	8.28	1.24	0.673	0.180	0.188	0.301	0.2888	0.1788	5
6	0.2438	0.1318	0.1288	0.1868	8.82	1.28	0.658	0.183	0.188	0.313	0.2838	0.1738	6
7	0.2438	0.1328	0.1338	0.2028	4.80	1.28	0.629	0.187	0.183	0.308	0.2588	0.1688	7
8	0.2448	0.1328	0.1318	0.2118	4.28	1.27	0.604	0.188	0.188	0.284	0.2488	0.1848	8
9	0.2448	0.1338	0.1288	0.2248	3.87	1.22	0.484	0.173	0.171	0.303	0.2308	0.1698	9
10	0.2448	0.1348	0.1218	0.2428	3.88	1.14	0.487	0.178	0.178	0.308	0.2188	0.1678	10
11	0.2408	0.1388	0.1238	0.2708	3.38	1.84	0.438	0.181	0.171	0.318	0.2148	0.1888	11
12	0.2348	0.1388	0.1238	0.3128	3.88	0.878	0.408	0.171	0.178	0.318	0.2128	0.1848	12
13	0.2388	0.1388	0.1248	0.3808	2.83	0.808	0.388	0.172	0.178	0.317	0.2188	0.1838	13
14	0.2288	0.1388	0.1288	0.4008	2.88	0.898	0.381	0.188	0.181	0.317	0.2098	0.1828	14
15	0.2248	0.1368	0.1288	0.4618	2.35	0.887	0.368	0.188	0.181	0.318	0.2068	0.1808	15
16	0.2188	0.1348	0.1278	0.5238	2.18	0.844	0.331	0.184	0.188	0.308	0.2088	0.1698	16
17	0.2188	0.1348	0.1288	0.5878	1.88	0.828	0.322	0.182	0.184	0.305	0.2068	0.1398	17
18	0.1988	0.1338	0.1308	0.6738	1.81	0.818	0.321	0.188	0.188	0.304	0.2078	0.1328	18
19	0.1848	0.1348	0.1318	0.7828	1.73	0.801	0.311	0.188	0.184	0.301A	0.2078	0.1278	19
20	0.1898	0.1388	0.1328	0.9038	1.68	0.780	0.288	0.188	0.207	0.3008	0.2068	0.1268	20
21	0.1888	0.1408	0.1358	1.08 B	1.82	0.741	0.281	0.173	0.221	0.2988	0.2068	0.1248	21
22	0.1848	0.1388	0.1388	1.20 B	1.82	0.718	0.278	0.177	0.247	0.2978	0.2118	0.1238	22
23	0.1818	0.1388	0.1408	1.38 B	1.85	0.688	0.263	0.188	0.286	0.2968	0.2098	0.1268	23
24	0.1828	0.1388	0.1438	1.58 B	1.81	0.634	0.243	0.191	0.280	0.2958	0.2038	0.1278	24
25	0.1818	0.1408	0.1488	1.78 B	1.88	0.608	0.228	0.181	0.287	0.2938	0.2018	0.1278	25
26	0.1808	0.1408	0.1518	2.04 B	1.82	0.588	0.201	0.181	0.282	0.2908	0.1808	0.1278	26
27	0.1688	0.1388	0.1628	2.51 B	1.48	0.578	0.184	0.180	0.274	0.2888	0.1638	0.1288	27
28	0.1488	0.1348	0.1628	3.48 B	1.40	0.583	0.188	0.178	0.283	0.2848	0.1798	0.1208	28
29	0.1388		0.1628	5.20 B	1.37	0.588	0.188	0.178	0.288	0.2858	0.1788	0.1158	29
30	0.1288		0.1588	8.88	1.40	0.593	0.184	0.188	0.274	0.2788	0.1788	0.1108	30
31	0.1288		0.1678		1.46		0.188	0.182		0.2788		0.1068	31
TOTAL	6.280	3.784	4.148	34.388	88.84	27.837	11.483	5.208	6.089	9.285	6.833	4.488	TOTAL
MEAN	0.202	0.134	0.134	1.18	3.12	0.831	0.370	0.188	0.202	0.388	0.221	0.145	MEAN
MAX	0.280	0.140	0.187	8.88	7.28	1.48	0.808	0.181	0.274	0.318	0.281	0.181	MAX
MIN	0.128	0.128	0.120	0.182	1.37	0.578	0.188	0.138	0.151	0.274	0.178	0.105	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.883
MAXIMUM DAILY, 7.28 ON MAY 2
MINIMUM DAILY, 0.1058 ON DEC 31
MAXIMUM INSTANTANEOUS,
7.31 AT 14:20 YST ON MAY 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 11 50 N
LONG 138 58 42 W
DRAINAGE AREA, 184 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	541	JUL	990
FEB	328	AUG	450
MAR	388	SEP	824
APR	2 870	OCT	800
MAY	8 370	NOV	873
JUN	2 410	DEC	388

TOTAL DISCHARGE, 18 700 dam³

MESS RIVER ABOVE EMERALD CREEK - STATION NO. 09DA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	14.0 B	8.80B	8.80B	8.10B	48.0B	363	138	78.8	50.3	---	---	---	1
2	14.7 B	8.70B	8.40B	8.10B	80.0B	308	130	77.8	48.3	---	---	---	2
3	14.5 B	8.80B	8.40B	8.10B	140 B	285	144	81.1	46.0	---	---	---	3
4	14.2 B	8.80B	8.40B	8.10B	183 B	305	134	78.8	42.8	---	---	---	4
5	14.0 B	8.30B	8.40B	8.10B	158 B	418	118	73.8	43.1	---	---	---	5
6	13.8 B	8.10B	8.30B	8.20B	189 E	423	118	72.0	42.6	---	---	---	6
7	13.8 B	8.00B	8.30B	8.20B	188 E	382	113	71.4	44.2	---	---	---	7
8	13.4 B	7.80B	8.30B	8.30B	210 E	355	116	73.8	41.7	---	---	---	8
9	13.1 B	7.80B	8.20B	8.30B	218 A	296	131	70.4	39.8	---	---	---	9
10	12.9 B	7.80B	8.20B	8.30B	214	278	131	68.8	39.8	---	---	---	10
11	12.8 B	7.40B	8.20B	8.40B	203	268	131	68.8	42.3	---	---	---	11
12	12.6 B	7.30B	8.10B	8.80B	177	270	140	68.7	48.4	---	---	---	12
13	12.4 B	7.10B	8.10B	8.72B	137	284	138	76.4	48.8A	---	---	---	13
14	12.2 B	7.00B	8.10B	8.60B	128	313	138	78.8	---	---	---	---	14
15	12.0 B	6.90B	8.10B	8.60B	183	404	131	78.8	---	---	---	---	15
16	11.8 B	6.60B	8.00B	8.80B	209	287	122	68.8	---	---	---	---	16
17	11.6 B	6.70B	8.00B	7.00B	231	231	104	63.2	---	---	---	---	17
18	11.4 B	6.60B	8.00B	7.10B	186	181	95.8	61.7	---	---	---	---	18
19	11.1 B	6.60B	8.00B	7.30B	168	177	93.6	63.0	---	---	---	---	19
20	11.0 B	6.50B	8.10B	7.40B	178	188	89.3	60.8	---	---	---	---	20
21	10.8 B	6.50B	8.10B	7.60B	188	180	88.4	58.6	---	---	---	---	21
22	10.6 B	6.50B	8.10B	7.80B	193	185	101	58.3	---	---	---	---	22
23	10.5 B	6.50B	8.10B	7.90B	207	184	88.6	58.1	---	---	---	---	23
24	10.3 B	6.50B	8.10B	8.20B	223	168	84.6	62.9	---	---	---	---	24
25	10.0 B	6.50B	8.10B	8.70B	231	178	84.1	63.1	---	---	---	---	25
26	9.90B	6.50B	8.10B	8.30B	213	188	88.2	62.2	---	---	---	---	26
27	9.70B	6.60B	8.10B	10.0 B	188	181	83.4	62.8	---	---	---	---	27
28	9.60B	6.60B	8.10B	11.5 B	198	148	80.2	63.8	---	---	---	---	28
29	9.40B		8.10B	14.0 B	220	132	77.2	64.8	---	---	---	---	29
30	9.30B		8.10B	20.0 B	248	130	73.7	64.3	---	---	---	---	30
31	9.10B		8.10B		268		74.8	62.8		---	---	---	31
TOTAL	387.70	202.90	181.20	235.72	5 855.0	7 477	3 387.6	2 010.4	---	---	---	---	TOTAL
MEAN	11.9	7.25	8.17	7.86	188	248	108	65.1	---	---	---	---	MEAN
MAX	14.8	8.80	8.80	20.0	268	423	180	81.1	---	---	---	---	MAX
MIN	9.10	6.50	8.00	6.10	48.0	130	73.7	62.2	---	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 423 ON JUN 6

MAXIMUM INSTANTANEOUS,
442 AT 04:37 YST ON JUN 6

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 19 50 N
LONG 131 30 00 W
DRAINAGE AREA, 4 840 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	31 800	JUL	283 000
FEB	17 800	AUG	174 000
MAR	18 800	SEP	---
APR	20 400	OCT	---
MAY	805 000	NOV	---
JUN	648 000	DEC	---

IBEX RIVER NEAR WHITEHORSE - STATION NO. 09AC007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.5095	0.4959	0.4909	0.5109	3.36E	4.91E	6.90	2.49	3.30	2.18	1.80	0.9708	1
2	0.5018	0.4788	0.4828	0.5209	3.52E	3.20A	10.5	2.41	3.28	2.18	1.71	0.9788	2
3	0.5068	0.4868	0.4949	0.5278	4.70E	3.38	11.4	2.38	3.30	2.40	1.65	0.9718	3
4	0.5009	0.4809	0.4838	0.5378	5.10E	5.41	7.84	2.42	3.48	2.40	1.81	0.9508	4
5	0.5738	0.4808	0.4818	0.5438	7.90E	5.74	8.07	2.40	3.48	2.33	1.46	0.9238	5
6	0.5888	0.4878	0.4878	0.5528	6.30E	3.81	5.66	2.87	3.40	2.28	1.40	0.9018	6
7	0.5808	0.4788	0.4788	0.5828	5.47E	3.30	5.88	3.18	3.33	2.33	1.45	0.8908	7
8	0.5518	0.4888	0.4668	0.5818	4.43E	3.28	5.18	2.84	3.27	2.40	0.883	0.8908	8
9	0.5438	0.4928	0.4658	0.5508	3.90E	3.14	4.87	2.84	3.26	2.38	0.8308	0.8718	9
10	0.5418	0.4988	0.4418	0.5508	2.39A	2.81	4.86	2.87	3.28	2.24	0.8288	0.8858	10
11	0.5438	0.4888	0.4488	0.5628	3.08	2.88	4.86	2.86	3.23	2.27	0.8218	0.8188	11
12	0.5438	0.4888	0.4808	0.5688	1.78	2.78	4.42	2.48	3.24	2.18	0.8208	0.8338	12
13	0.5438	0.5008	0.4858	0.5878	1.85	3.03	4.14	2.48	3.18	1.788	0.8428	0.8408	13
14	0.5428	0.4988	0.4888	0.5808	1.43	3.67	3.80	2.43	3.26	1.888	0.8508	0.8238	14
15	0.5418	0.4988	0.4738	0.5988	1.32	5.48	3.74	2.48	3.22	1.838	0.8988	0.8678	15
16	0.5408	0.4828	0.4888	0.6188	1.24	3.73	3.80	2.41	3.23	1.87	1.01 B	0.8858	16
17	0.5378	0.4808	0.4888	0.6408	1.14	3.09	3.28	2.37	3.21	1.88	1.00 B	0.8888	17
18	0.5308	0.4808	0.5028	0.6708	1.10	2.74	3.11	2.33	3.18	1.85	0.9788	0.8278	18
19	0.5218	0.4828	0.5058	0.6988	1.07	2.81	2.92	2.33	3.20	1.888	0.8888	0.8128	19
20	0.5088	0.4878	0.5078	0.7418	1.07	2.84	3.27	2.30	3.22	1.82	0.8658	0.8148	20
21	0.4978	0.4898	0.5098	0.7888	1.38A	2.80	3.33	2.84	3.21	1.84	0.8508	0.8278	21
22	0.4928	0.4878	0.5108	0.8478	1.49E	2.82	3.40	2.80	3.23	1.78	1.00 B	0.8478	22
23	0.4908	0.4888	0.5108	0.8988	1.51E	2.86	3.32	2.74	3.28	1.85	0.9808	0.8618	23
24	0.4908	0.4918	0.5078	0.9708	1.57E	2.87	3.83	2.83	3.16	1.83	0.9708	0.8788	24
25	0.4928	0.4888	0.5018	1.04 B	1.51E	3.19	2.71	2.83	3.14	1.78	0.8978	0.8968	25
26	0.4888	0.4828	0.4988	1.15 B	1.47E	3.08	2.86	2.82	3.18	1.80	0.8908	0.9008	26
27	0.5078	0.4808	0.4988	1.28 B	2.00E	3.00	2.80	2.44	3.26	1.838	0.8508	0.8868	27
28	0.5108	0.4838	0.4888	1.44 B	3.40E	2.92	3.56	2.42	3.22	1.868	0.8408	0.8868	28
29	0.5078		0.5008	1.62 B	5.03E	4.72	3.48	2.37	3.22	1.82	0.8368	0.8868	29
30	0.5038		0.5028	1.73 B	10.7 E	8.35	3.48	2.32	3.20	1.48	0.8528	0.8808	30
31	0.5008		0.5088		7.88E		2.68	2.33		1.48		0.8758	31
TOTAL	16.648	13.842	15.118	33.288	101.72	108.78	136.91	78.03	87.88	60.47	32.448	27.881	TOTAL
MEAN	0.534	0.487	0.488	0.778	3.28	3.63	4.42	2.52	3.28	1.95	1.08	0.883	MEAN
MAX	0.808	0.500	0.510	1.73	10.7	8.35	11.4	3.18	3.48	2.40	1.71	0.978	MAX
MIN	0.490	0.480	0.441	0.510	1.07	2.52	2.48	2.30	3.14	1.48	0.820	0.812	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.87
MAXIMUM DAILY, 11.4 ON JUL 3
MINIMUM DAILY, 0.441B ON MAR 10
MAXIMUM INSTANTANEOUS,
14.2E AT 10:33 YST ON JUL 2

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 43 38 N
LONG 135 28 05 W
DRAINAGE AREA, 457 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 630	JUL	11 800
FEB	1 180	AUG	8 740
MAR	1 310	SEP	8 840
APR	2 010	OCT	5 320
MAY	8 780	NOV	3 400
JUN	8 400	DEC	2 390

TOTAL DISCHARGE, 58 900 dam³

YUKON TERRITORY

INDIAN RIVER ABOVE THE MOUTH - STATION NO. 09EB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0388	0.0188	0.0018	0.0078	34.5 E	8.80	8.20	3.03	1.75	4.33	0.8888	0.1248	1
2	0.0388	0.0188	0.0018	0.0138	40.0 E	8.30	8.02	3.15	1.73	4.08	0.8228	0.1208	2
3	0.0388	0.0188	0.0018	0.0188	42.0 E	8.78	4.88	3.28	2.08	3.88	0.8088	0.1188	3
4	0.0378	0.0148	0.0018	0.0248	38.3 A	8.85	4.22	3.88	2.18	3.78 B	0.4648	0.1128	4
5	0.0388	0.0138	0.0018	0.0208	36.0	8.84	3.33	4.44	2.30	3.87 B	0.4208	0.1088	5
6	0.0388	0.0128	0.0018	0.0288	33.7	32.5	2.84	5.84	2.86	2.81 B	0.3968	0.1088	6
7	0.0388	0.0128	0.0018	0.0408	18.4	28.8	2.71	5.73	2.52	2.88 B	0.3728	0.1038	7
8	0.0348	0.0118	0.0018	0.0488	17.3	18.4	2.74	4.84	2.48	2.38 B	0.3488	0.1008	8
9	0.0338	0.0108	0.0018	0.1408	27.8	12.2	2.88	4.04	2.32	2.14 B	0.3248	0.0988	9
10	0.0338	0.0088	0.0018	0.3008	48.8	10.5	2.64	3.23	2.43	2.04 B	0.3008	0.0888	10
11	0.0328	0.0088	0.0018	0.7008	42.0	8.78	2.88	2.87	2.10	1.93 B	0.2888	0.0878	11
12	0.0318	0.0088	0.0018	1.20 B	33.2	7.87	2.37	2.78	2.83	1.84 B	0.2888	0.0878	12
13	0.0308	0.0078	0.0018	1.78 B	30.2	8.41	2.10	2.44	2.42	1.78 B	0.2578	0.0888	13
14	0.0308	0.0088	0.0018	2.18 B	28.4	8.88	1.83	2.35	2.18	1.70 B	0.2438	0.0888	14
15	0.0298	0.0088	0.0018	2.80 B	23.7	8.30	1.80	2.08	2.42	1.83 B	0.2318	0.0848	15
16	0.0288	0.0088	0.0018	3.00 B	27.8	8.18	1.82 A	2.23	2.80	1.88 B	0.2218	0.0838	16
17	0.0278	0.0048	0.0018	3.50 B	28.5	8.73	1.78	1.78	2.01	1.48 B	0.2138	0.0828	17
18	0.0278	0.0038	0.0018	4.20 B	21.8	8.84	1.58	1.88	2.78	1.38 B	0.2088	0.0818	18
19	0.0288	0.0038	0.0018	4.88 B	17.4	8.82	1.34	2.08	2.08	1.31 B	0.2008	0.0808	19
20	0.0288	0.0028	0.0018	5.80 B	15.8	8.78	1.38	2.10	1.74	1.24 B	0.1928	0.0808	20
21	0.0248	0.0018	0.0018	8.80 B	15.3	7.88	1.10	2.10	1.87	1.17 B	0.1848	0.0888	21
22	0.0248	0.0018	0.0018	7.80 B	13.2	8.87	1.13	2.41	2.01	1.10 B	0.1788	0.0888	22
23	0.0238	0.0018	0.0018	8.40 B	12.0	8.88	1.00	2.18	2.12	1.03 B	0.1888	0.0878	23
24	0.0228	0.0018	0.0018	11.0 B	10.1	8.42	0.841	2.38	2.17	0.9708	0.1818	0.0888	24
25	0.0218	0.0018	0.0018	13.0 B	8.62	8.33	1.31	2.28	2.31	0.9008	0.1838	0.0868	25
26	0.0218	0.0018	0.0018	15.0 E	8.87	8.80	1.48	2.28	2.87	0.8388	0.1488	0.0848	26
27	0.0208	0.0018	0.0018	18.0 E	7.90	8.88	1.73	2.17	3.18	0.7788	0.1438	0.0838	27
28	0.0188	0.0018	0.0018	21.5 E	7.78	8.82	1.84	2.10	2.78	0.7208	0.1388	0.0838	28
29	0.0188		0.0018	25.0 E	7.30	8.81	1.84	1.81	4.78	0.6888	0.1338	0.0838	29
30	0.0188		0.0018	29.5 E	8.83	8.78	2.87	1.82	8.00	0.8308	0.1288	0.0818	30
31	0.0178		0.0018		8.36		2.84	1.83		0.5908		0.0808	31
TOTAL	0.872	0.188	0.031	187.008	877.88	283.83	73.951	83.34	78.87	54.435	8.832	3.880	TOTAL
MEAN	0.028	0.007	0.001	6.23	21.8	8.80	2.38	2.88	2.84	1.78	0.288	0.085	MEAN
MAX	0.038	0.018	0.001	29.5	48.8	28.0	8.20	8.84	8.00	4.33	0.888	0.124	MAX
MIN	0.017	0.001	0.001	0.007	8.36	8.32	0.841	1.78	1.73	0.590	0.128	0.080	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.81
MAXIMUM DAILY, 48.8 ON MAY 10
MINIMUM DAILY, 0.0018 ON FEB 21
MAXIMUM INSTANTANEOUS,
52.8 AT 18:80 YST ON MAY 10

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 46 18 N
LONG 139 37 46 W
DRAINAGE AREA, 2 230 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	75.2	JUL	6 390
FEB	16.2	AUG	7 200
MAR	2.68	SEP	6 870
APR	16 200	OCT	4 700
MAY	58 600	NOV	884
JUN	22 800	DEC	288

TOTAL DISCHARGE, 123 000 dam³

KLONDIKE RIVER ABOVE BONANZA CREEK - STATION NO. 09EA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	24.78	14.28	10.4 B	8.828	238A	174	135	42.8	38.8	41.8	22.88	13.88	1
2	24.88	13.78	10.2 B	8.888	218	182	132	43.4	38.8	40.2	22.38	13.88	2
3	24.28	13.38	9.848	8.818	201	132	118	42.8	38.3	38.2	21.88	13.78	3
4	24.08	13.18	9.728	8.888	190	143	100	45.8	38.4	38.2	21.38	13.88	4
5	23.68	12.88	9.608	8.708	192	208	93.3	60.8	38.2	38.0	20.48	13.88	5
6	23.78	12.78	9.388	8.628	184	313	88.8	84.1	37.1	36.1	19.78	13.38	6
7	23.48	12.58	9.238	9.008	188	233	82.3	88.7	37.4	33.4	18.38	13.08	7
8	23.18	12.28	9.098	9.208	167	221	77.7	84.7	38.8	35.2	18.88	12.78	8
9	22.88	12.08	8.988	9.408	188	188	74.8	81.8	38.1	35.3	18.28	12.48	9
10	22.48	11.88	8.828	9.808	211	188	71.7	48.8	35.8	35.0	17.88	12.08	10
11	21.88	11.78	8.738	9.908	178	184	88.8	47.8	35.8	33.2	17.08	11.88	11
12	21.58	11.78	8.708	10.2 B	137	188	88.8	48.3	37.8	28.2	16.88	11.88	12
13	21.38	11.88	8.668	10.8 B	118	142	83.4	44.8	37.8	25.28	16.18	11.88	13
14	21.28	11.58	8.628	11.0 B	100	131	80.7	44.1	38.1	23.08	15.88	11.88	14
15	21.18	11.58	8.588	11.7 B	107	138	80.8	43.8	40.8	21.88	15.88	11.88	15
16	20.88	11.48	8.488	12.7 B	148	133	88.8	42.7	41.4	22.18	16.18	11.88	16
17	20.28	11.48	8.408	13.8 B	157	118	85.8	41.7	40.1	27.88	16.28	11.78	17
18	19.88	11.38	8.388	17.2 B	138	115	83.8	40.7	38.8	28.88	16.38	11.48	18
19	19.08	11.38	8.388	21.8 B	121	110	81.8	40.2	36.1	28.38	16.28	11.18	19
20	18.48	11.28	8.388	25.8 B	118	104	48.4	41.8	32.2	28.08	16.08	10.88	20
21	17.88	11.28	8.328	32.0 B	121	98.2	48.8	45.0	32.3	25.18	15.88	10.88	21
22	17.28	11.18	8.288	40.0 B	122	94.3	47.7	47.8	35.0	24.38	15.88	10.88	22
23	16.88	11.08	8.318	48.0 B	127	90.8	46.8	48.7	36.0	23.38	15.88	11.08	23
24	16.08	11.08	8.338	80.0 B	130	87.8	46.8	48.1	33.8	22.88	15.48	11.18	24
25	15.88	10.88	8.368	72.0 B	138	172	45.1	44.2	34.2	20.88	15.38	11.08	25
26	15.48	10.88	8.328	81.0 B	136	240	44.7	42.8	34.8	18.88	14.88	11.18	26
27	15.88	10.78	8.328	110 B	131	188	45.2	41.0	36.1	20.08	14.68	11.18	27
28	15.38	10.88	8.358	138 B	128	174	44.8	38.7	41.8	21.08	14.28	10.88	28
29	15.28		8.388	188 B	182	188	43.8	38.7	41.4	21.88	14.08	10.88	29
30	14.88		8.418	200 B	178	148	41.8	37.8	43.0	22.08	13.88	10.78	30
31	14.88		8.478		181		40.8	37.3		22.38		10.88	31
TOTAL	615.3	330.4	272.28	1 188.28	4 788	4 885.1	2 038.0	1 417.0	1 114.4	888.8	513.8	387.8	TOTAL
MEAN	19.8	11.8	8.78	38.8	155	162	85.8	45.7	37.1	28.8	17.1	11.8	MEAN
MAX	24.7	14.2	10.4	200	338	240	135	84.1	43.8	41.8	22.8	13.7	MAX
MIN	14.8	10.8	8.28	8.52	100	87.8	40.8	37.3	32.3	18.8	13.8	10.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 48.8
MAXIMUM DAILY, 240 ON JUN 26
MINIMUM DAILY, 8.288 ON MAR 22
MAXIMUM INSTANTANEOUS,
275 AT 05:30 YST ON MAY 1

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 02 34 N
LONG 139 34 36 W
DRAINAGE AREA, 7 800 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	53 200	JUL	178 000
FEB	28 800	AUG	122 000
MAR	33 800	SEP	88 300
APR	102 000	OCT	75 100
MAY	415 000	NOV	44 400
JUN	394 000	DEC	31 800

TOTAL DISCHARGE, 1 500 000 dam³

KLUANE RIVER AT OUTLET OF KLUANE LAKE - STATION NO. 09CA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	13.8B	10.7B	10.7B	14.9B	35.2	44.7	75.8	80.8	80.1	57.8	18.1 B	8.88B	1
2	13.8B	10.7B	10.8B	15.4B	36.8	47.2	75.8	83.8	88.5	61.2	18.4 B	8.05B	2
3	13.8B	10.8B	10.7B	16.1B	36.3	47.2	82.5	83.2	84.2	60.3	18.7 B	8.10B	3
4	13.1B	10.8B	10.8B	16.8B	30.2	48.7	84.3	80.8	83.6	59.1	18.6 B	8.13B	4
5	12.9B	10.8B	10.8B	17.0B	30.7	47.8	86.8	78.8	72.2	61.1	18.5 B	9.05B	5
6	12.8B	11.0B	10.4B	17.0B	31.5	51.1	88.4	86.1	82.0	77.0	18.0 B	8.93B	6
7	12.8B	11.0B	10.3B	17.0B	32.5	51.7	90.8	86.8	82.0	89.3	15.0 B	8.82B	7
8	12.7B	11.1B	10.3B	17.7B	32.8	54.4	92.0	81.4	81.7	87.2	13.8 B	8.78B	8
9	12.8B	11.1B	10.3B	18.4B	32.5	53.3	93.8	83.8	84.3	38.3	12.2 B	8.80B	9
10	12.8B	11.1B	10.3B	19.1B	34.0	88.7	88.7	78.8	87.1	38.4	11.8 B	8.81B	10
11	12.8B	11.1B	10.4B	19.8B	34.7	82.8	87.7	78.3	82.3	32.2	11.0 B	8.88B	11
12	12.8B	11.1B	10.8B	19.7B	35.4	84.1	102	78.3	81.3	31.3	10.7 B	9.00B	12
13	12.9B	11.1B	11.1B	19.8B	36.8	80.8	104	77.5	84.8	33.3	10.6 B	8.97B	13
14	12.1B	11.0B	11.7B	19.8B	36.7	88.1	108	77.3	88.7	38.8	10.4 B	8.88B	14
15	12.0B	11.0B	12.0B	20.1B	38.4	88.1	103	76.0	81.8	43.0	10.3 B	8.88B	15
16	11.9B	11.0B	12.1B	20.4B	38.8	81.0	98.0	77.1	84.8	84.8	10.2 B	8.88B	16
17	11.7B	11.0B	12.1B	20.8B	38.0	87.7	94.4	78.8	87.0	88.3	10.2 B	8.40B	17
18	11.8B	10.9B	12.2B	21.2	37.3	84.0	88.8	81.8	81.3	27.3	10.2 B	8.17B	18
19	11.8B	10.8B	12.2B	21.1	38.4	81.0	88.2	77.8	84.8	32.8	10.2 B	8.00B	19
20	11.4B	10.8B	12.3B	21.0	38.8	84.8	88.7	78.8	48.4	38.3	10.3 B	7.88B	20
21	11.3B	10.8B	12.3B	20.8	37.3	88.0	84.1	78.1	82.2	24.3	10.3 B	7.88B	21
22	11.2B	10.8B	12.8B	21.0	38.2	78.0	88.3	78.8	88.7	28.8	10.2 B	8.10B	22
23	11.1B	10.8B	12.7B	21.8	38.4	88.4	88.0	78.8	84.2	31.0	10.1 B	8.30B	23
24	11.1B	10.8B	12.8B	22.1	38.1	78.8	88.7	78.3	72.2	30.8	9.81B	8.83B	24
25	11.1B	10.9B	13.1B	22.2	37.8	88.8	83.3	81.1	81.3	19.0	9.38B	8.80B	25
26	11.1B	10.8B	13.3B	22.8	38.2	88.7	80.0	78.8	44.8	18.1B	9.04B	8.86B	26
27	11.1B	10.8B	13.3B	24.3	40.0	78.0	88.8	74.8	47.0	17.3B	8.88B	8.81B	27
28	11.0B	10.7B	13.2B	25.8	40.8	72.0	87.2	78.8	43.7	18.4B	8.80B	8.58B	28
29	11.0B		13.7B	24.3	41.1	73.0	80.8	77.0	42.8	18.2B	8.68B	8.42B	29
30	10.8B		13.8B	24.8	44.8	78.1	80.1	73.7	44.8	18.2B	8.87B	8.27B	30
31	10.7B		38		45.4		88.8	73.7		18.1B		8.17B	31
TOTAL	372.2	308.2	10.8	801.8	1 108.4	1 888.2	2 878.4	2 442.8	1 788.8	1 081.1	348.84	287.18	TOTAL
MEAN	12.0	10.8	11.8	20.1	35.8	81.9	82.9	78.8	88.8	38.2	11.7	8.83	MEAN
MAX	13.8	11.1	14.3	25.8	45.4	78.1	108	80.8	88.8	77.0	18.8	9.13	MAX
MIN	10.7	10.7	10.2	14.8	28.2	44.7	78.8	70.1	42.8	18.1	8.88	7.85	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 36.7
MAXIMUM DAILY, 108 ON JUL 14
MINIMUM DAILY, 7.85B ON DEC 30
MAXIMUM INSTANTANEOUS,
112 AT 10:88 YST ON JUL 14

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 25 37 N
LONG 138 02 88 W
DRAINAGE AREA, 4 880 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	33 200	JUL	248 000
FEB	28 800	AUG	211 000
MAR	31 700	SEP	182 000
APR	82 000	OCT	94 300
MAY	85 800	NOV	30 200
JUN	183 000	DEC	33 100

TOTAL DISCHARGE, 1 180 000 dam³

LIARD RIVER AT UPPER CROSSING - STATION NO. 10AA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1348	101 B	88.0B	85.8B	440E	888A	538	327	388A	238	1878	1328	1
2	1338	100 B	88.0B	88.0B	500E	844	526	322	388E	234	1888	1328	2
3	1328	98.0B	88.0B	88.0B	550E	888	522	313	384E	233	1858	1318	3
4	1288	97.0B	88.0B	88.0B	620E	880	518	303	383E	238	1838	1308	4
5	1278	98.0B	84.0B	88.8B	700E	928	488	288	382E	270	1838	1288	5
6	1258	95.0B	84.0B	87.0B	788A	880	480	281	381E	273	1808	1288	6
7	1238	94.0B	84.0B	88.0B	840E	898	468	282	381A	268	1488	1238	7
8	1228	93.0B	84.3B	88.8B	870E	898	453	300	198	267	1448	1198	8
9	1228	92.0B	84.0B	89.0B	920E	884	437	297	195	260	1428	1188	9
10	1218	91.0B	84.0B	70.0B	984A	840	431	287	191	260	1408	1178	10
11	1208	91.0B	84.0B	73.0B	888A	828	432	283	188	247	1378	1178	11
12	1198	90.0B	83.0B	76.0B	911	858	430	283	188	288	1348	1168	12
13	1178	90.0B	83.0B	80.0B	884	883	420	278	184	243	1328	1158	13
14	1148	90.0B	82.0B	83.0B	808	883	418	268	182	222	1308	1148	14
15	1138	90.0B	81.0B	88.0B	774	822	408	259	181	198	1318	1158	15
18	1128	88.0B	80.0B	85.0B	788	850	388	253	181	188	1328	1168	16
17	1118	88.0B	78.0B	100 B	778	898	380	247	181	207	1388	1158	17
18	1088	88.0B	78.0B	112 B	734	849	387	238	180	208	1388	1148	18
19	1088	88.0B	78.0B	128 B	683A	808	388	238	178	218	1378	1128	19
20	1078	88.0B	78.0B	142 B	670E	771	348	230	178	228	1388	1118	20
21	1078	88.0B	73.0B	185 B	680E	741	348	227	178	234	1338	1138	21
22	1078	88.0B	71.0B	188 B	650E	708	381	229	188	228	1308	1138	22
23	1088	88.0B	70.8B	205 B	648E	675	418	238	198	218	1288	1138	23
24	1088	87.0B	70.0B	237	680E	650	480	248	218	227	1278	1148	24
25	1078	88.0B	88.0B	248	680E	629	448	243	238	229	1288	1158	25
26	1078	88.0B	88.8B	287	730E	618	428	238	233	201	1278	1148	26
27	1088	88.0B	88.0B	288	788E	608	402	232	228	180	1288	1128	27
28	1078	88.0B	87.0B	388 A	780E	597	381	225	224	178	1308	1108	28
29	1088		88.0B	348 B	838E	573	388	220	228	188	1318	1088	29
30	1038		88.8B	398 B	878E	553	381	218	228	1888	1328	1078	30
31	1028		88.0B		918E		334	211		1588		1088	31
TOTAL	3 882	2 844.0	2 388.8	4 274.8	23 381	24 814	13 118	8 138	5 878	7 888	4 132	3 831	TOTAL
MEAN	118	88.8	77.4	142	753	828	423	263	188	228	138	117	MEAN
MAX	134	101	88.8	388	884	888	538	327	238	287	187	133	MAX
MIN	182	88.8	88.8	88.8	440	883	334	211	178	188	128	188	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 281
MAXIMUM DAILY, 888 ON JUN 8
MINIMUM DAILY, 88.8B ON MAR 31
MAXIMUM INSTANTANEOUS,
1 888 AT 88:83 YST ON JUN 8

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 88 83 88 N
LONG 138 84 88 W
DRAINAGE AREA, 33 488 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	388 888	JUL 1	138 888
FEB	228 888	AUG	782 888
MAR	287 888	SEP	818 888
APR	388 888	OCT	885 888
MAY	2 838 888	NOV	357 888
JUN	2 158 888	DEC	314 888

TOTAL DISCHARGE, 8 888 888 dam³

LITTLE SOUTH KLONDIKE RIVER BELOW ROSS CREEK - STATION NO. 09EA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.840	1.050	1.220	1.200	14.78	13.2	9.27	4.20	3.94	3.880E	2.310	1.720	1
2	1.800	1.050	1.240	1.210	20.88	10.6	8.89	4.14	3.88	3.98E	2.340	1.770	2
3	1.880	1.070	1.240	1.220	26.29	9.09	7.63	4.04	4.05	4.04E	2.350	1.810	3
4	1.820	1.080	1.230	1.230	32.2	15.1	7.16	5.13	4.04	4.02E	2.330	1.840	4
5	1.760	1.090	1.210	1.240	40.0	18.7	8.70	5.95	4.09	4.00E	2.300	1.890	5
6	1.740	1.080	1.190	1.250	27.4	22.4	8.51	5.70	4.11	3.96E	2.250	1.880	6
7	1.700	1.090	1.170	1.260	20.9	25.3	8.11	5.46	4.05	3.99E	2.210	1.860	7
8	1.660	1.080	1.160	1.270	27.0	17.2	5.73	5.10	3.93	3.92E	2.110	1.810	8
9	1.620	1.090	1.140	1.270	40.5	13.1	5.65	4.83	3.97	4.02E	2.000	1.780	9
10	1.580	1.100	1.140	1.260	37.3	11.3	5.23	4.62	3.88A	4.11E	1.850	1.780	10
11	1.600	1.100	1.150	1.280	19.0	10.3	5.04	4.28	3.90E	4.040	1.750	1.770	11
12	1.670	1.110	1.170	1.310	16.5	9.34	5.05	4.14	3.99E	3.850	1.880	1.760	12
13	1.620	1.120	1.180	1.200	11.7	8.62	5.07	4.06	3.94E	3.880	1.810	1.760	13
14	1.550	1.130	1.180	1.300	10.4	8.74	4.89	4.01	3.93E	3.550	1.800	1.760	14
15	1.550	1.130	1.160	1.310	15.3	10.1	4.83	3.99	3.90E	3.440	1.800	1.730	15
16	1.500	1.130	1.180	1.320	22.2	8.60	4.57	4.02	3.88E	3.400	1.810	1.680	16
17	1.400	1.120	1.200	1.330	20.1	7.85	4.44	4.00	3.71E	3.440	1.800	1.630	17
18	1.340	1.120	1.210	1.340	14.8	7.63	4.41	3.81	3.89E	3.400	1.800	1.600	18
19	1.260	1.110	1.220	1.350	16.2	7.30	4.26	3.81	3.84E	3.300	1.810	1.540	19
20	1.270	1.120	1.220	1.360	16.6	6.94	4.16	4.08	3.80E	3.200	1.810	1.550	20
21	1.230	1.130	1.200	1.380	15.0	6.73	4.41	4.40	3.88E	3.050	1.820	1.580	21
22	1.170	1.150	1.150	1.410	14.6	6.64	4.30	4.57	3.71E	3.020	1.820	1.570	22
23	1.170	1.150	1.150	1.470	16.2	6.44	4.30	4.63	3.76E	2.820	1.820	1.580	23
24	1.200	1.210	1.160	1.500	16.2	7.79	4.08	4.34	3.75E	2.710	1.830	1.570	24
25	1.230	1.200	1.160	2.000	13.6	23.2	4.13	4.11	3.72E	2.800	1.840	1.570	25
26	1.220	1.210	1.170	3.400	12.2	12.8	4.09	4.05	3.68E	2.500	1.850	1.580	26
27	1.180	1.230	1.170	4.800	11.0	14.3	4.22	4.03	3.62E	2.450	1.850	1.540	27
28	1.150	1.230	1.180	6.200	13.1	12.7	4.01	4.08	3.62E	2.350	1.870	1.530	28
29	1.130		1.180	7.600	17.4	11.8	3.90	3.95	3.68E	2.300	1.800	1.510	29
30	1.110		1.190	9.000	20.2	10.8	3.75	3.89	3.77E	2.300	1.700	1.460	30
31	1.070		1.200		16.3		4.05	3.89		2.300		1.470	31
TOTAL	45.24	31.55	36.77	64.48	623.9	356.16	160.69	135.63	114.86	103.41	54.89	51.62	TOTAL
MEAN	1.46	1.13	1.19	2.15	20.1	11.9	5.18	4.37	3.83	3.34	1.83	1.67	MEAN
MAX	1.88	1.23	1.24	9.00	40.5	25.3	9.27	5.95	4.11	4.11	2.35	1.89	MAX
MIN	1.07	1.05	1.14	1.20	10.4	6.44	3.75	3.81	3.68	2.30	1.60	1.47	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.88
MAXIMUM DAILY, 40.5 ON MAY 9
MINIMUM DAILY, 1.050 ON FEB 1
MAXIMUM INSTANTANEOUS,
54.2 AT 08:01 YST ON MAY 9

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 59 45 N
LONG 137 24 20 W
DRAINAGE AREA, 880 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 910	JUL	13 900
FEB	2 730	AUG	11 700
MAR	3 180	SEP	9 930
APR	5 570	OCT	8 930
MAY	53 900	NOV	4 740
JUN	30 800	DEC	4 460

TOTAL DISCHARGE, 154 000 dam³

LUBBOCK RIVER NEAR ATLIN - STATION NO. 09AA007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.150	3.360	3.550	3.580	7.00A	5.00	2.33	1.55	0.710	1.18	2.170	2.880	1
2	3.120	3.400	3.500	3.580	7.90E	4.80	2.51	1.48	0.728	1.23	2.150	2.880	2
3	3.110	3.420	3.450	3.540	6.15E	4.58	2.45	1.39	0.734	1.55	2.140	3.100	3
4	3.100	3.450	3.400	3.480	6.60E	4.42	2.33	1.38	0.817	1.58	2.120	3.250	4
5	3.080	3.470	3.380	3.450	6.80E	4.38	2.24	1.41	0.833	1.69	2.100	3.380	5
6	3.100	3.500	3.300	3.400	8.10E	4.39	2.18	1.48	0.808	1.86	2.080	3.400	6
7	3.150	3.580	3.200	3.370	9.50E	4.30	2.13	1.48	0.809	1.88	2.020	3.450	7
8	3.200	3.670	3.150	3.330	9.80E	4.10	2.07	1.39	0.802	1.57	1.980	3.400	8
9	3.250	3.750	3.100	3.300	10.1 A	3.94	2.01	1.39	0.815	2.00	1.940	3.350	9
10	3.300	3.850	3.030	3.280	10.1	3.84	1.92	1.32	0.830	2.12	1.900	3.400	10
11	3.350	3.920	2.850	3.230	10.0	3.50	1.87	1.22	0.752	2.14	1.870	3.400	11
12	3.380	3.980	2.980	3.200	9.63	3.40	1.89	1.18	0.764	2.24	1.850	3.370	12
13	3.400	4.000	3.000	3.150	9.42	3.33	1.81	1.13	0.809	2.23	1.860	3.340	13
14	3.430	4.050	3.030	3.120	9.15	3.59	1.74	1.07	0.881	2.38	1.880	3.280	14
15	3.450	4.020	3.050	3.100	6.95	3.48	1.73	1.05	0.901	3.86	1.880	3.180	15
16	3.480	3.990	3.100	3.150	6.72	3.28	1.71	1.01	0.876	4.47	2.030	3.050	16
17	3.420	3.980	3.120	3.200	6.58	3.18	1.71	0.949	0.854	4.44	2.080	2.980	17
18	3.480	3.940	3.180	3.350	6.37	3.08	1.71	0.905	0.865	3.31	2.100	2.850	18
19	3.500	3.900	3.220	3.500	8.02	3.01	1.66	0.882	0.967	3.11	2.130	2.750	19
20	3.550	3.900	3.250	3.850	7.85	2.98	1.62	0.863	0.985	3.05	2.150	2.700	20
21	3.600	3.850	3.300	4.100	7.78	2.81	1.65	0.812	1.00	3.04	2.120	2.880	21
22	3.650	3.800	3.350	4.500	7.48	2.70	1.75	0.887	1.05	3.06	2.100	2.880	22
23	3.700	3.750	3.300	4.800	7.12	2.60	1.81	0.905	1.07	2.08	2.120	2.900	23
24	3.720	3.720	3.350	5.100	6.80	2.52	1.76	0.853	1.05	2.06	2.130	2.950	24
25	3.750	3.700	3.360	5.300	6.71	2.39	1.60	0.823	1.05	2.13	2.130	3.000	25
26	3.700	3.650	3.400	5.700	6.44	2.48	1.55	0.801	1.05	2.100	2.130	2.950	26
27	3.630	3.630	3.400	6.000	6.22	2.61	1.70	0.783	1.05	2.120	2.140	2.900	27
28	3.550	3.600	3.400	6.50E	5.87	2.24	1.63	0.748	1.05	2.150	2.180	2.880	28
29	3.450		3.450	6.90E	5.68	2.35	1.64	0.740	1.12	2.170	2.250	2.750	29
30	3.400		3.520	7.30E	5.46	2.27	1.58	0.728	1.18	2.200	2.450	2.700	30
31	3.400		3.640		5.24		1.61	0.717		2.180		2.650	31
TOTAL	105.49	104.83	101.35	123.36	249.26	101.24	56.13	33.473	27.311	70.33	62.30	94.21	TOTAL
MEAN	3.40	3.74	3.27	4.11	8.04	3.37	1.81	1.08	0.910	2.27	2.07	3.04	MEAN
MAX	3.75	4.05	3.64	7.30	10.1	5.00	2.51	1.55	1.18	4.47	2.45	3.45	MAX
MIN	3.08	3.36	2.85	3.10	5.24	2.27	1.55	0.717	0.710	1.18	1.84	2.65	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.10
MAXIMUM DAILY, 10.1A ON MAY 9
MINIMUM DAILY, 0.717 ON AUG 31
MAXIMUM INSTANTANEOUS,
10.2 AT 18:02 YST ON MAY 10

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 04 52 N
LONG 133 51 30 W
DRAINAGE AREA, 1 770 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	9 110	JUL	4 850
FEB	9 060	AUG	2 890
MAR	8 760	SEP	2 360
APR	10 700	OCT	6 080
MAY	21 500	NOV	5 370
JUN	8 750	DEC	8 140

TOTAL DISCHARGE, 97 700 dam³

M'CLINTOCK RIVER NEAR WHITEHORSE - STATION NO. 09AB008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.48B	3.13B	3.22B	3.01B	26.4	17.3	10.4	5.72	3.89	5.09	5.80B	4.15B	1
2	4.47B	3.15B	3.25B	3.04B	29.0	16.9	10.6	6.02	3.87	6.09	5.59B	4.14B	2
3	4.44B	3.15B	3.22B	3.09B	30.6	16.2	10.7	5.72	3.88	7.18	5.68B	4.13B	3
4	4.35B	3.22B	3.15B	3.08B	31.7	16.4	10.1	5.78	4.45	7.70	5.63B	4.12B	4
5	4.20B	3.28B	3.15B	3.08B	33.6	19.6	9.59	5.84	5.00	7.43	5.50B	4.12B	5
6	4.14B	3.30B	3.11B	3.10B	29.5	17.1	9.51	6.04	4.75	7.24	5.32B	4.12B	6
7	4.08B	3.30B	3.02B	3.11B	27.1	16.6	10.7 A	5.72	4.76	7.14	4.88B	4.10B	7
8	4.07B	3.30B	2.98B	3.15B	27.9	16.0	9.50E	6.55	4.64	7.36	4.62B	3.99B	8
9	4.08B	3.31B	2.98B	3.20B	29.5	16.2	9.42E	5.51	4.51	7.39	4.38B	3.79B	9
10	4.11B	3.31B	2.98B	3.23B	27.6	14.7	10.0 E	5.30	4.48	7.67	4.25B	3.78B	10
11	4.12B	3.30B	2.92B	3.30B	23.6	14.0	10.3 E	6.10	4.52	7.58	4.23B	3.80B	11
12	4.06B	3.30B	2.90B	3.33B	20.6	13.6	9.53E	5.89	4.55	7.49	4.20B	3.81B	12
13	4.02B	3.30B	2.91B	3.40B	18.4	13.1	9.22E	5.80	4.73A	6.81	4.20B	3.82B	13
14	3.98B	3.28B	2.91B	3.47B	17.0	13.6	8.95E	5.66	5.32	6.88B	4.20B	3.83B	14
15	3.88B	3.28B	2.91B	3.63B	16.1	16.1	8.73E	5.33	5.13	6.59B	4.19B	3.84B	15
16	3.67B	3.28B	2.91B	3.90B	16.6	16.1	8.48E	4.78	5.78	6.53B	4.15B	3.81B	16
17	3.75B	3.26B	2.93B	3.70B	14.5	13.3	8.23E	4.74	5.56	6.50B	4.15B	3.71B	17
18	3.71B	3.25B	2.98B	3.60B	13.6	12.6	8.01E	4.67	5.28	6.51B	4.20B	3.63B	18
19	3.60B	3.23B	2.95B	3.80B	13.2	12.5	7.77E	4.44	5.30	6.53B	4.20B	3.41B	19
20	3.55B	3.21B	2.98B	4.17B	12.9	12.0	7.44E	3.89	5.26	6.50B	4.21B	3.38B	20
21	3.44B	3.20B	2.98B	4.20B	13.5	11.5	7.51E	4.11	5.46	6.40B	4.21B	3.33B	21
22	3.36B	3.15B	2.98B	4.38B	15.6	11.2	8.08E	4.57	6.26	6.27B	4.21B	3.36B	22
23	3.30B	3.15B	2.98B	5.10B	15.7	10.6	8.80E	4.46	6.42	6.05B	4.22B	3.40B	23
24	3.38B	3.15B	2.98B	6.10B	14.9	10.4	9.02E	4.35	6.03	5.90B	4.24B	3.40B	24
25	3.42B	3.15B	3.01B	10.3 B	14.6	10.3	8.37E	4.15	5.87	5.80B	4.21B	3.42B	25
26	3.40B	3.15B	2.96B	21.0 B	15.9	10.1	8.30E	4.12	5.82	5.79B	4.18B	3.40B	26
27	3.32B	3.15B	2.92B	26.0 B	16.2	10.2	7.68E	3.88	5.84	5.78B	4.18B	3.38B	27
28	3.24B	3.10B	2.91B	28.0 B	14.0	9.95	7.35E	4.00	5.93	5.77B	4.18B	3.33B	28
29	3.19B		2.91B	26.2	16.6	9.72	7.02E	3.85	6.03	5.75B	4.18B	3.30B	29
30	3.18B		2.98B	25.5	17.6	10.0	6.72E	3.79	6.04	5.69B	4.16B	3.28B	30
31	3.14B		2.98B		17.7		6.59A	3.75		5.63B		3.25B	31
TOTAL	117.84	90.73	92.88	236.63	632.1	388.66	272.42	158.74	156.43	203.80	136.38	114.24	TOTAL
MEAN	3.78	3.24	3.00	7.88	20.4	13.3	8.79	5.12	5.21	6.57	4.81	3.69	MEAN
MAX	4.48	3.31	3.25	28.2	33.6	17.3	10.7	6.72	6.42	7.70	5.80	4.15	MAX
MIN	3.14	3.13	2.90	3.01	12.9	9.72	6.59	3.75	3.86	5.63	4.16	3.25	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.16
MAXIMUM DAILY, 33.6 ON MAY 5
MINIMUM DAILY, 2.900 ON MAR 12
MAXIMUM INSTANTANEOUS,
28.1 AT 08:04 YST ON APR 30

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 36 45 N
LONG 134 27 37 W
DRAINAGE AREA, 1 700 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	10 200	JUL	23 500
FEB	7 840	AUG	13 700
MAR	8 030	SEP	13 500
APR	20 400	OCT	17 600
MAY	54 600	NOV	11 700
JUN	34 500	DEC	9 870

TOTAL DISCHARGE, 225 000 dam³

MACMILLAN RIVER NEAR THE MOUTH - STATION NO. 09BB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	23.3B	16.2B	12.4B	13.1B	316	336	183	103	71.9	74.0E	41.8B	28.0B	1
2	23.0B	16.0B	12.3B	13.2B	310	356	181	100	70.7	75.0E	41.2B	28.0B	2
3	22.9B	16.8B	12.3B	13.6B	321	357	180	98.0	70.1	76.2E	40.0B	28.0B	3
4	22.8B	16.7B	12.1B	13.8B	348	346	181	96.3	70.1	76.4E	38.8B	28.6B	4
5	22.7B	16.9B	12.0B	14.0B	366	336	186	96.2	69.3	77.0E	38.0B	28.3B	5
6	22.5B	16.3B	12.0B	14.3B	388	333	183	94.4	68.6	77.8E	37.0B	28.0B	6
7	22.3B	16.1B	12.0B	14.8B	432	356	170	94.3	68.1	78.1E	36.1B	27.8B	7
8	22.1B	15.0B	12.0B	15.0B	463	437	182	92.4	67.4	78.3E	35.2B	27.4B	8
9	21.9B	14.9B	12.0B	15.2B	477	502	156	91.0	67.2	78.5E	34.6B	27.1B	9
10	21.3B	14.8B	12.0B	16.0B	527	480	152	89.4	67.0	79.2E	34.0B	27.0B	10
11	21.2B	14.9B	12.0B	16.5B	564	403	148	88.5	66.4	79.6E	33.5B	27.0B	11
12	21.0B	14.5B	12.0B	17.0B	552	358	146	88.9	65.6	80.0E	33.0B	27.0B	12
13	20.6B	14.3B	12.0B	18.4B	490	330	144	87.2	65.6	79.0B	32.5B	27.0B	13
14	20.6B	14.1B	12.0B	19.6B	433	317	144	84.7	64.9	74.0B	32.1B	27.0B	14
15	20.3B	14.0B	12.0B	21.0B	386	314	148	82.2	66.5	67.5B	31.9B	26.9B	15
16	20.0B	13.8B	12.0B	22.5B	360	330	148	80.7	66.7	59.0B	31.7B	26.7B	16
17	19.5B	13.6B	12.0B	23.5B	347	343	136	80.0	67.7	50.0B	31.6B	26.0B	17
18	19.7B	13.7B	12.0B	25.0B	342	356	133	80.0	66.4	45.0B	31.2B	25.8B	18
19	19.1B	13.5B	12.0B	27.0B	336	326	129	78.5	67.6	43.0B	31.1B	25.5B	19
20	19.0B	13.3B	12.0B	29.0B	335	308	126	77.1	66.9	41.8B	31.1B	25.2B	20
21	19.6B	13.2B	12.0B	31.0B	334	281	121	75.6	64.6	40.0B	31.1B	25.0B	21
22	18.5B	13.0B	12.1B	35.0B	328	243	117	75.5	65.3	38.8B	31.1B	25.0B	22
23	18.1B	12.9B	12.2B	38.0B	330	231	121	75.0	64.9	38.5B	31.1B	25.0B	23
24	18.0B	12.8B	12.2B	46.0B	326	230	120	74.8	64.9A	38.5B	31.0B	24.8B	24
25	17.8B	12.8B	12.3B	54.0B	324	216	131	77.6	64.5E	39.0B	30.9B	24.6B	25
26	17.5B	12.7B	12.4B	65.0B	321	207	130	81.0	65.0E	39.8B	30.5B	24.6B	26
27	17.2B	12.8B	12.5B	84.0B	319	203	124	80.0	66.5E	40.4B	30.0B	24.6B	27
28	17.0B	12.5B	12.7B	140 B	318	201	119	78.0	69.0E	41.8B	29.6B	24.3B	28
29	16.8B		12.8B	200 B	314	198	114	76.2	70.5E	42.2B	29.2B	24.0B	29
30	16.6B		12.8B	266	310	189	109	75.3	72.2E	42.4B	29.0B	23.8B	30
31	16.5B		13.0B		318		106	73.9		42.0B		23.5B	31
TOTAL	619.3	399.7	376.1	1 353.6	11 667	9 341	4 461	2 624.5	2 022.1	1 833.0	1 000.0	815.1	TOTAL
MEAN	20.0	14.3	12.2	45.1	376	311	144	84.7	67.4	59.1	33.3	26.3	MEAN
MAX	23.3	16.3	13.0	266	564	502	186	103	72.2	80.0	41.8	28.0	MAX
MIN	16.5	12.5	12.0	13.1	310	189	106	73.9	64.5	38.5	29.0	23.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 100
MAXIMUM DAILY, 564 ON MAY 11
MINIMUM DAILY, 12.0B ON MAR 5
MAXIMUM INSTANTANEOUS,
571 AT 09:34 YST ON MAY 12

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 53 36 N
LONG 135 30 38 W
DRAINAGE AREA, 13 800 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	53 500	JUL	385 000
FEB	34 300	AUG	227 000
MAR	32 700	SEP	175 000
APR	117 000	OCT	158 000
MAY	1 010 000	NOV	86 400
JUN	807 000	DEC	70 400

TOTAL DISCHARGE, 3 160 000 dam³

MARSH LAKE NEAR WHITEHORSE - STATION NO. 09AB004

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.449	2.082	1.842	1.214	0.765	1.138	2.229	3.108	3.288	2.910	2.774	2.728	1
2	2.442	2.060	1.826	1.203	0.764	1.188	2.266	3.135	3.279	2.900	2.775	2.731	2
3	2.436	2.034	1.807	1.190	0.767	1.242	2.299	3.153	3.269	2.892	2.786	2.724	3
4	2.412	2.014	1.578	1.177	0.744	1.287	2.342	3.166	3.245	2.878	2.789	2.724	4
5	2.389	2.003	1.563	1.162	0.752	1.358	2.380	3.160	3.260	2.875	2.779	2.728	5
6	2.367	1.989	1.552	1.141	0.778	1.419	2.427	3.178	3.241	2.861	2.764	2.712	6
7	2.358	1.977	1.541	1.121	0.785	1.471	2.456	3.184	3.227	2.861	2.724	2.686	7
8	2.360	1.962	1.533	1.105	0.801	1.526	2.502	3.203	3.219	2.852	2.684	2.689	8
9	2.346	1.949	1.516	1.088	0.803	1.580	2.540A	3.207	3.218	2.822	2.704A	2.681	9
10	2.343	1.943	1.484	1.070	0.781	1.629	2.581E	3.211	3.228	2.806	2.712E	2.671	10
11	2.333	1.927	1.478	1.051	0.771	1.666	2.622E	3.214	3.228	2.817	2.721E	2.663	11
12	2.332	1.915	1.466	1.031	0.783	1.706	2.663E	3.224	3.224	2.818	2.728E	2.669	12
13	2.305	1.907	1.460	1.008	0.818	1.743	2.704E	3.242	3.215	2.804	2.738E	2.676	13
14	2.285	1.890	1.456	0.982	0.841	1.789	2.745E	3.258	3.190	2.798	2.748E	2.658	14
15	2.290	1.880	1.453	0.984	0.861	1.834	2.786E	3.270	3.186	2.784	2.758A	2.633	15
16	2.273	1.864	1.452	0.940	0.878	1.878	2.827E	3.277	3.139	2.766	2.758E	2.628	16
17	2.259	1.843	1.441	0.921	0.869	1.900	2.871A	3.303	3.125	2.770	2.768E	2.619	17
18	2.237	1.823	1.435	0.900	0.888	1.936	2.884	3.323	3.112	2.748	2.759E	2.612	18
19	2.222	1.806	1.426	0.886	0.907	1.970	2.909	3.344	3.066	2.800	2.761E	2.598	19
20	2.204	1.793	1.417	0.868	0.919	1.994	2.940	3.348	3.078	2.811	2.762A	2.574	20
21	2.187	1.774	1.387	0.825	0.923	2.014	2.956E	3.327	3.084	2.763	2.760	2.571	21
22	2.178	1.771	1.384	0.810	0.930	2.027	2.972E	3.318	3.033	2.752	2.762	2.572	22
23	2.171	1.762	1.351	0.802	0.940	2.043	2.988E	3.336	3.028	2.753	2.763	2.571	23
24	2.180	1.736	1.342	0.783	0.949	2.069	3.004E	3.347	3.020	2.758	2.767	2.577	24
25	2.170	1.720	1.323	0.767	0.959	2.081	3.020E	3.342	2.997	2.733	2.748	2.584	25
26	2.177	1.696	1.299	0.762	0.978	2.090	3.036A	3.332	2.991	2.728	2.742	2.557	26
27	2.170	1.678	1.265	0.766	0.990	2.120	3.033	3.327	2.977	2.746	2.736	2.539	27
28	2.162	1.656	1.243	0.759	1.011	2.142	3.036	3.320	2.963	2.759	2.745	2.526	28
29	2.112		1.239	0.765	1.027	2.185	3.048	3.324	2.932	2.753	2.740	2.502	29
30	2.093		1.237	0.755	1.064	2.196	3.079	3.321	2.914	2.744	2.741	2.494	30
31	2.081		1.228		1.084		3.091	3.308		2.753		2.487	31
MEAN	2.288	1.872	1.434	0.990	0.875	1.774	2.750	3.282	3.131	2.803	2.747	2.625	MEAN
MAX	2.449	2.082	1.842	1.214	1.084	2.196	3.091	3.347	3.288	2.910	2.779	2.731	MAX
MIN	2.081	1.656	1.228	0.755	0.744	1.138	2.229	3.108	2.914	2.728	2.684	2.487	MIN

SUMMARY FOR THE YEAR 1989

WATER LEVELS IN METRES

MEAN, 2.212
MAXIMUM DAILY, 3.347 ON AUG 24
MINIMUM DAILY, 0.744 ON MAY 4
MAXIMUM INSTANTANEOUS,
3.384 AT 18:56 YST ON AUG 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 31 50 N
LONG 134 21 55 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED SINCE 1925

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 653.357 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1960 ADJ.)

MAYO LAKE NEAR THE OUTLET - STATION NO. 09DC005

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.248	1.948	1.882	1.336	1.300	2.450	2.888	2.848	2.864	2.884	2.886	2.866	1
2	2.237	1.926	1.857	1.324	1.337	2.476	2.911	2.847	2.858	2.881	2.880	2.873	2
3	2.229	1.922	1.847	1.318	1.380	2.493	2.920	2.864	2.849	2.878	2.882	2.870	3
4	2.211	1.911	1.826	1.312	1.438	2.523	2.920	2.867	2.847	2.884	2.883	2.866	4
5	2.207	1.908	1.816	1.299	1.474	2.547	2.932	2.843	2.850	2.885	2.884	2.869	5
6	2.188	1.887	1.812	1.288	1.524	2.586	2.942	2.851	2.839	2.909	2.852	2.872	6
7	2.181	1.859	1.801	1.278	1.568	2.630	2.942	2.840	2.841	2.894	2.844	2.875	7
8	2.186	1.840	1.590	1.269	1.622	2.671	2.939	2.848	2.860	2.887	2.881	2.868	8
9	2.164	1.847	1.587	1.264	1.673	2.703	2.938	2.858	2.852	2.888	2.881	2.864	9
10	2.147	1.858	1.550E	1.239	1.737	2.728	2.943	2.857	2.850	2.881	2.848	2.867	10
11	2.140	1.860	1.540E	1.239	1.788	2.745	2.938	2.860	2.846	2.883	2.849	2.860	11
12	2.138	1.843	1.530E	1.241	1.826	2.765	2.944	2.882	2.848	2.887	2.852	2.859	12
13	2.128	1.832	1.520E	1.232	1.857	2.781	2.945	2.857	2.849	2.880	2.853	2.862	13
14	2.108	1.824	1.510E	1.218	1.880	2.801	2.936	2.841	2.860	2.878	2.855	2.873	14
15	2.104	1.809	1.500E	1.210	1.910	2.827	2.933	2.842	2.848	2.882	2.852	2.868	15
16	2.092	1.799	1.490E	1.202	1.937	2.849	2.925	2.855	2.849	2.898	2.858	2.865	16
17	2.085	1.787	1.480E	1.195	1.968	2.861	2.907	2.861	2.865	2.895	2.860	2.864	17
18	2.077	1.771	1.470E	1.184	2.018	2.884	2.906	2.857	2.838	2.880	2.857	2.849	18
19	2.081	1.768	1.460E	1.167	2.056	2.874	2.908	2.857	2.840	2.882	2.872	2.849	19
20	2.038	1.752	1.450E	1.178	2.087	2.886	2.900	2.857	2.840	2.881	2.878	2.848	20
21	2.034	1.740	1.440E	1.171	2.131	2.883	2.887	2.854	2.855	2.883	2.879	2.838	21
22	2.028	1.740	1.431E	1.165	2.158	2.889	2.885	2.857	2.852	2.882	2.884	2.839	22
23	2.015	1.730	1.422E	1.158	2.180	2.901	2.890	2.882	2.852	2.888	2.882	2.828	23
24	1.971	1.715	1.413E	1.151	2.234	2.901	2.883	2.864	2.857	2.886	2.878	2.828	24
25	1.973	1.687	1.404E	1.155	2.265	2.902	2.872	2.860	2.859	2.870	2.875	2.828	25
26	1.966	1.686	1.395E	1.160	2.288	2.903	2.887	2.860	2.852	2.887	2.882	2.820	26
27	1.972	1.680	1.386E	1.160	2.320	2.900	2.886	2.880	2.863	2.880	2.872	2.818	27
28	1.960	1.670	1.378E	1.176	2.343	2.901	2.849	2.863	2.870	2.873	2.874	2.808	28
29	1.968		1.370A	1.207	2.371	2.888	2.856	2.861	2.875	2.882	2.864	2.805	29
30	1.985		1.358	1.256	2.394	2.882	2.858	2.858	2.878	2.880	2.866	2.794	30
31	1.963		1.346		2.421		2.843	2.853		2.887		2.788	31
MEAN	2.090	1.807	1.487	1.228	1.821	2.766	2.906	2.854	2.852	2.878	2.864	2.847	MEAN
MAX	2.248	1.948	1.882	1.336	2.421	2.903	2.945	2.882	2.878	2.909	2.886	2.875	MAX
MIN	1.960	1.670	1.346	1.151	1.300	2.450	2.843	2.840	2.838	2.880	2.844	2.788	MIN

SUMMARY FOR THE YEAR 1989

WATER LEVELS IN METRES

MEAN, 2.360
MAXIMUM DAILY, 2.945 ON JUL 13
MINIMUM DAILY, 1.151 ON APR 24
MAXIMUM INSTANTANEOUS,
2.953 AT 15:10 YST ON JUL 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 46 24 N
LONG 135 23 17 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED SINCE 1952

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

MCQUESTEN RIVER NEAR THE MOUTH - STATION NO. 09BD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.088	7.308	7.288	8.218	102 E	108	49.8	33.7	18.8	18.2	12.8 B	9.238	1
2	8.008	7.108	7.208	8.328	121 E	84.2	48.4	32.7	18.8	18.0	12.8 B	9.338	2
3	8.918	7.158	7.088	8.418	130 E	80.8	47.8	32.7	18.1	18.1	13.0 B	9.448	3
4	8.828	7.208	8.938	8.488	148 E	73.2	44.8	34.1	17.7	17.8	13.1 B	9.438	4
5	8.718	7.238	8.808	8.518	187 E	72.2	42.0	28.8	18.2	18.8	12.8 B	9.428	5
6	8.588	7.278	8.738	8.488	170 E	82.3	39.8	27.2	18.1	18.8	13.8 B	9.408	6
7	8.488	7.338	8.688	8.418	182 E	122	37.4	27.3	17.8	18.7	13.4 B	9.288	7
8	8.428	7.388	8.608	8.488	186 E	138	38.1	28.1	17.8	18.8	13.2 B	9.008	8
9	8.408	7.408	8.538	8.588	203 E	128	38.1	24.8	17.7	18.7	11.8 B	8.808	9
10	8.448	7.438	8.488	8.788	208 E	103	33.3	24.1	17.8	18.4	11.8 B	8.808	10
11	8.548	7.508	8.488	8.888	184 E	88.0	32.8	23.8	17.8	18.7 B	11.3 B	8.848	11
12	8.598	7.548	8.528	7.188	188 E	77.4	33.0	22.8	18.4	14.1 B	11.8 B	8.488	12
13	8.608	7.588	8.588	7.408	182 E	70.8	32.7	22.8	18.8	11.8 B	10.8 B	8.438	13
14	8.508	7.538	8.898	7.408	138 E	84.8	32.8	21.8	18.7	8.988	10.8 B	8.388	14
15	8.408	7.458	8.748	7.808	137 E	88.2	32.2	20.8	18.8	8.188	10.8 B	8.308	15
16	8.308	7.388	8.728	8.058	150 E	88.4	30.8	20.8	18.4	11.0 B	10.4 B	8.128	16
17	8.188	7.318	8.888	8.438	162 A	88.4	28.8	20.3	18.4	13.8 B	10.8 B	7.948	17
18	8.098	7.248	8.888	8.008	127	81.3	28.2	20.0	17.7	14.8 B	10.8 B	7.788	18
19	7.938	7.178	8.478	8.888	108	88.8	27.8	19.4	17.4	15.0 B	10.7 B	7.588	19
20	7.888	7.108	8.888	8.838	108	88.8	27.0	18.8	18.8	15.2 B	10.8 B	7.488	20
21	7.888	7.088	8.838	10.8 B	103	83.4	27.4	18.9	18.2	14.8 B	10.8 B	7.378	21
22	7.828	7.088	8.888	13.8 B	98.1	81.1	27.4	20.8	17.3	14.8 B	10.4 B	7.388	22
23	7.888	7.138	8.678	16.1 B	88.8	84.8	28.3	20.4	17.8	14.8 B	10.2 B	7.448	23
24	7.718	7.188	8.788	18.8 B	101	87.8	28.1	20.3	17.8	13.8 B	9.888	7.548	24
25	7.858	7.138	8.788	28.8 B	88.4	88.4	28.4	20.2	18.3	11.8 B	9.758	7.828	25
26	7.808	7.108	8.728	33.8 B	83.8	88.8	24.7	18.9	18.7	10.3 B	9.888	7.838	26
27	7.858	7.188	8.828	47.8 B	88.8	87.8	23.8	18.8	18.3	11.1 B	9.448	7.888	27
28	7.788	7.208	8.488	82.8 B	83.8	82.8	23.1	18.8	20.1	11.8 B	9.378	7.888	28
29	7.688		8.388	74.3 B	88.8	87.8	22.8	18.3	20.1	12.8 B	9.288	7.828	29
30	7.488		8.218	87.8 B	87.8	83.8	22.8	18.8	19.7	12.4 B	9.218	7.488	30
31	7.368		8.188		113		23.4	18.8		12.8 B		7.388	31
TOTAL	254.24	203.81	285.80	936.11	4 088.8	2 244.2	993.8	878.4	548.8	438.88	328.81	288.25	TOTAL
MEAN	8.20	7.27	8.84	17.8	132	74.8	32.0	31.8	18.2	14.2	11.0	8.23	MEAN
MAX	8.88	7.88	7.28	87.8	208	138	48.8	27.3	20.1	18.2	13.1	8.44	MAX
MIN	7.38	7.08	8.18	8.31	83.8	47.8	22.4	18.8	18.2	8.18	8.21	7.38	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 28.8
MAXIMUM DAILY, 208E ON MAY 18
MINIMUM DAILY, 8.188 ON MAR 31

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 69 38 48 N
LONG 137 18 18 W
DRAINAGE AREA, 2 878 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	22 888	JUL	88 888
FEB	17 888	AUG	88 488
MAR	17 888	SEP	47 188
APR	48 288	OCT	38 888
MAY	384 888	NOV	28 888
JUN	194 888	DEC	22 188

TOTAL DISCHARGE, 932 888 dam³

NISUTLIN RIVER ABOVE WOLF RIVER - STATION NO. 09AD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	35.88	17.18	18.28	18.88	34.88	288	87.8	82.7	48.3E	48.8	45.88	34.88	1
2	36.58	17.28	18.18	18.88	38.88	285	88.3	88.8E	48.1E	48.2	44.88	35.18	2
3	35.18	17.38	18.88	18.88	88.88	328	87.2	88.2E	48.8E	88.4	44.38	35.88	3
4	34.38	17.38	17.88	18.88	88.88	317	88.8	88.8E	48.8E	48.8	44.88	34.48	4
5	31.38	17.48	17.88	18.88	118 B	242	81.7	87.1E	44.8E	88.8	43.88	34.88	5
6	38.88	17.88	17.38	18.78	188 E	288	87.8	88.2E	47.3E	84.8	43.48	34.88	6
7	38.28	17.88	17.88	18.88	281 E	284	83.8	88.8E	48.4A	81.8	28.88	33.88	7
8	38.88	17.78	18.88	18.88	283 E	287	83.8	72.8E	43.8	88.2	28.88	33.88	8
9	28.88	17.88	18.78	18.88	288 A	313	81.8	71.8E	42.2	81.8	28.88	33.88	9
10	38.88	17.88	18.88	18.18	288	188	78.8	88.8E	41.3	88.3	34.88	33.48	10
11	38.18	17.88	18.38	18.38	278	187	88.4	84.78	48.3	88.8	34.88	32.88	11
12	28.88	17.88	18.38	18.48	248	181	81.1	81.48	38.4	83.8	34.88	32.18	12
13	28.88	17.88	18.38	18.78	218	178	88.8	88.28	38.7	88.8	34.88	32.18	13
14	27.48	17.88	18.38	18.28	188	173	78.4	88.8E	38.3	88.8	34.88	32.88	14
15	28.88	17.88	18.38	17.88	181	177	74.8	88.8E	41.8	88.8	34.88	31.88	15
16	35.88	17.88	18.38	17.18	178	188	72.3	84.8E	42.4	88.78	34.18	31.38	16
17	33.88	17.88	18.48	17.38	171	187	78.7	82.8E	41.7	85.88	34.18	38.88	17
18	22.88	17.88	18.88	17.38	184	181	88.8	81.8E	41.1	84.38	34.88	38.88	18
19	21.48	17.88	18.78	17.88	184	148	88.4	88.2E	38.8	83.28	34.28	38.88	19
20	38.38	17.88	18.88	17.88	147	132	83.1	88.8E	38.7	82.88	34.48	38.88	20
21	18.28	17.88	18.88	18.38	148	128	82.8	82.8E	41.8	88.88	34.88	37.88	21
22	18.78	17.88	17.88	18.88	183	121	88.8	84.8E	44.8	48.48	34.88	27.88	22
23	18.88	17.88	17.88	18.88	187	118	78.8E	84.8E	44.8	48.88	34.88	27.88	23
24	18.88	17.88	18.88	18.88	178	114	88.8E	84.3E	41.4	47.88	34.88	27.18	24
25	18.88	17.88	18.88	28.18	178	118	82.8E	81.8E	84.8	47.88	34.28	27.28	25
26	18.88	17.88	18.38	31.88	178	188	78.8E	48.8E	81.8	47.38	34.38	27.28	26
27	18.18	17.88	18.88	32.88	178	188	78.1E	48.3E	48.4	47.18	34.18	27.88	27
28	18.88	18.88	18.88	24.88	181	185	74.8E	48.2E	48.7	47.88	34.18	28.88	28
29	18.48		18.88	28.88	208	181	72.1	48.2E	48.8	48.88	34.18	28.88	29
30	18.38		18.88	28.88	232	88.4	87.1	48.8E	88.8	48.88	34.88	28.88	30
31	17.38		18.88		283		84.2	41.4E		48.88		28.88	31
TOTAL	783.3	488.2	518.2	848.8	5 481.8	5 188.4	2 438.1	1 788.8	1 318.8	1 782.8	1 881.8	848.8	TOTAL
MEAN	25.3	17.7	18.7	18.2	177	173	78.8	88.1	43.8	84.8	38.4	38.8	MEAN
MAX	35.8	18.8	18.2	28.8	288	288	88.3	72.8	84.8	88.3	48.8	35.1	MAX
MIN	17.3	17.1	18.8	18.7	34.8	88.4	82.8	41.4	38.7	48.8	34.8	28.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 88.8
MAXIMUM DAILY, 288 ON MAY 18
MINIMUM DAILY, 18.78 ON APR 8
MAXIMUM INSTANTANEOUS,
383 AT 11:18 YST ON MAY 18

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 88 28 35 N
LONG 132 32 41 W
DRAINAGE AREA, 8 838 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	87 788	JUL	218 888
FEB	42 888	AUG	148 888
MAR	44 888	SEP	114 888
APR	47 288	OCT	147 888
MAY	474 888	NOV	84 388
JUN	448 888	DEC	81 888

TOTAL DISCHARGE, 1 838 888 dam³

YUKON TERRITORY

HORDENSKIOLD RIVER BELOW ROWLINSON CREEK - STATION NO. 09AH004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.838	3.408	4.308	5.008	110	33.8	31.0	11.4	8.20	8.77	6.858	5.808	1
2	5.508	3.408	4.368	5.028	110	33.2	33.8	11.3	8.03	8.88	6.888	5.458	2
3	5.258	3.318	4.308	5.048	110	33.2	35.0	10.8	8.01	8.28	6.808	5.408	3
4	5.088	3.858	4.418	5.088	105	31.4	33.4	10.7	8.08	8.48	6.808	5.368	4
5	4.858	3.888	4.438	5.17[illegible]	89.2	31.3	30.3	11.2	8.28	8.85	6.708	5.358	5
6	4.858	3.728	4.408	5.[illegible]	92.0	33.2	28.0	12.3	8.48	8.82	6.808	5.308	6
7	4.608	3.788	4.328	5.228	85.7	33.3	28.3	13.7	8.41	8.91	6.588	5.258	7
8	4.388	3.648	4.288	5.308	76.8	33.2	28.2	13.8	7.88	8.86	6.488	5.208	8
9	4.268	3.608	4.288	5.388	74.0	33.3	28.4	13.7	7.48	8.84	6.388	5.208	9
10	4.218	3.998	4.248	5.428	73.1	31.1	27.7	13.4	7.44	8.74	6.288	5.208	10
11	4.208	4.028	4.248	5.588	70.7	30.1	27.7	13.2	7.52	8.66	6.088	5.208	11
12	4.208	4.058	4.288	5.708	68.8	19.0	27.7	12.8	7.48	8.77	6.088	5.208	12
13	4.198	4.058	4.328	5.838	63.8	18.4	28.8	12.1	7.48	8.81	5.788	5.208	13
14	4.178	4.038	4.408	5.908	58.0	17.8	27.1	11.8	7.48	8.21	5.588	5.158	14
15	4.038	4.008	4.508	5.308	53.8	17.7	26.7	11.2	7.88	7.958	5.888	5.108	15
16	3.918	3.888	4.808	5.808	47.8	18.0	23.7	10.8	7.84	7.808	5.808	5.008	16
17	3.858	3.868	4.768	6.808	43.7	18.3	21.3	10.8	7.48	7.858	5.888	4.908	17
18	3.788	3.908	4.908	7.208	43.8	18.0	20.3	10.4	7.48	7.808	5.888	4.708	18
19	3.858	4.008	4.858	7.808	43.8	17.8	17.8	10.3	7.38	7.808	5.808	4.858	19
20	3.888	4.048	5.008	8.408	40.8	18.1	18.1	9.81	7.38	7.788	5.888	4.448	20
21	3.628	4.108	5.028	9.808	38.3	17.8	18.8	9.88	7.47	7.708	5.888	4.408	21
22	3.808	4.148	5.048	12.0 E	35.8	18.1	18.7	9.62	7.83	7.808	5.888	4.358	22
23	3.538	4.188	5.048	16.0 E	33.3	14.8	18.8	10.1	7.81	7.888	5.888	4.258	23
24	3.588	4.188	5.028	18.5 E	31.8	13.5	18.7	10.1	7.72	7.888	5.888	4.158	24
25	3.848	4.208	5.008	24.0 E	30.7	13.8	18.2	10.1	7.88	7.888	5.888	4.108	25
26	3.888	4.318	4.988	30.0 E	28.4	13.8	14.2	9.88	8.18	7.188	5.888	4.088	26
27	3.888	4.328	4.948	88.8	26.8	15.0	13.8	9.88	8.33	7.108	5.888	4.088	27
28	3.888	4.348	4.888	88.3	25.8	15.9	13.4	9.71	8.48	7.008	5.888	4.088	28
29	3.888		4.888	111	24.8	15.8	13.2	9.80	8.88	6.988	5.888	4.108	29
30	3.848		4.888	117	24.8	28.8	11.8	9.60	8.88	6.888	5.858	4.158	30
31	3.818		4.888		24.8		11.7	9.21		6.888		4.188	31
TOTAL	127.87	111.02	144.38	810.78	1 807.8	873.2	883.0	343.37	241.32	250.28	178.43	148.37	TOTAL
MEAN	4.12	3.97	4.66	20.4	88.3	19.1	32.6	11.1	8.04	8.07	5.88	4.78	MEAN
MAX	5.83	4.34	5.04	117	110	33.8	35.0	13.8	8.48	8.88	6.88	5.80	MAX
MIN	3.58	3.58	4.24	5.00	24.8	13.8	11.7	9.21	7.38	6.58	5.88	4.08	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 14.3
MAXIMUM DAILY, 110 ON MAY 1
MINIMUM DAILY, 3.808 ON JAN 22
MAXIMUM INSTANTANEOUS,
134 AT 16:42 YST ON APR 30

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 03 00 N
LONG 138 16 45 W
DRAINAGE AREA, 6 370 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	11 000	JUL	89 800
FEB	9 880	AUG	35 700
MAR	12 800	SEP	20 800
APR	83 800	OCT	21 800
MAY	150 000	NOV	15 800
JUN	48 800	DEC	12 800

TOTAL DISCHARGE, 482 000 dam³

NORTH KLONDIKE RIVER NEAR THE MOUTH - STATION NO. 09EA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.328	2.888	1.888	2.048	30.0E	38.8	22.0	8.87	8.78	7.83	5.008	3.788	1
2	3.278	2.858	1.888	2.068	41.0E	21.0	20.4	8.43	8.81	8.10	5.108	3.818	2
3	3.238	2.488	1.878	2.088	38.0E	18.8	18.8	10.1	8.86	8.27	5.208	3.628	3
4	3.218	2.438	1.888	2.108	38.0E	43.4	17.8	11.4	8.81	8.13	5.248	3.488	4
5	3.188	2.398	1.858	2.128	37.0A	38.8	16.8	12.8	8.84	7.81	5.288	3.818	5
6	3.178	2.378	1.848	2.188	33.3	38.8	16.8	12.7	8.82	7.78	5.338	3.888	6
7	3.158	2.348	1.838	2.188	38.3	37.7	16.2	12.8	8.11	7.888	5.488	3.868	7
8	3.148	2.328	1.828	2.218	38.8	38.8	16.8	11.4	8.10	7.838	5.378	3.728	8
9	3.128	2.318	1.818	2.258	38.8	34.8	16.3	10.7	8.12	7.838	5.308	3.688	9
10	3.108	2.308	1.808	2.288	33.8	34.8	13.7	10.3	8.08	8.888	5.288	3.888	10
11	3.108	2.308	1.888	2.338	18.1	37.8	13.8	9.78	8.88	8.338	5.128	3.838	11
12	3.108	2.288	1.888	2.388	16.8	38.8	13.2	9.44	8.22	8.228	5.838	3.888	12
13	3.108	2.288	1.888	2.438	13.8	33.8	13.8	9.28	8.33	8.388	4.888	3.488	13
14	3.088	2.278	1.888	2.588	13.8	31.1	13.8	9.18	8.38	8.488	4.728	3.488	14
15	3.088	2.288	1.888	2.888	18.7	28.2	13.1	8.88	8.28	8.888	4.578	3.888	15
16	3.008	3.348	1.888	2.788	23.7	17.8	12.8	8.78	8.47	8.438	4.488	3.488	16
17	2.938	2.238	1.818	2.818	20.4	18.2	12.8	9.18A	8.43	8.288	4.288	3.438	17
18	2.888	2.228	1.818	2.828	18.3	17.4	12.3	9.72A	8.82	8.888	4.188	3.388	18
19	2.838	2.208	1.838	2.838	18.7	17.3	11.7	8.88	8.88	8.888	4.888	3.318	19
20	2.788	2.188	1.838	2.148	18.8	18.3	11.8	8.88	7.83	8.888	4.888	3.288	20
21	2.788	2.188	1.838	2.288	20.8	18.8	11.8	8.82	7.77	8.878	3.878	3.238	21
22	2.788	2.148	1.848	2.488	23.3	18.2	10.8	8.88	7.38	8.888	3.888	3.208	22
23	2.748	2.108	1.858	2.738	22.8	14.8	10.8	8.87	7.83	8.888	3.838	3.218	23
24	2.728	2.088	1.888	4.888	24.8	17.4	10.2	8.88	7.74	8.888	3.848	3.228	24
25	2.708	2.088	1.888	4.488	24.3	48.2	10.3	8.17	7.78	8.828	3.888	3.238	25
26	2.688	2.048	1.878	8.288	24.7	38.3	10.3	8.18	7.88	8.738	3.838	3.248	26
27	2.688	2.038	1.888	8.888	22.3	31.8	8.88	8.38	7.33	8.588	3.878	3.288	27
28	2.678	2.018	1.888	12.0 E	27.1	27.8	8.72	8.18	7.41	8.488	3.788	3.288	28
29	2.858		2.008	18.8 E	27.8	24.8	8.38	8.88	7.88	5.218	3.788	3.338	29
30	2.838		2.018	22.8 E	41.7	23.8	8.81	8.88	7.81	5.888	3.738	3.188	30
31	2.818		2.028		38.3		8.38	8.83		5.888		3.158	31
TOTAL	91.38	63.17	60.17	133.07	768.1	765.3	408.02	302.80	248.08	201.08	138.43	107.88	TOTAL
MEAN	2.95	2.26	1.84	4.40	24.8	25.8	13.1	8.77	8.27	8.48	4.88	3.47	MEAN
MAX	3.33	2.58	2.02	22.8	41.7	48.2	22.8	12.8	8.12	8.27	5.48	3.81	MAX
MIN	2.81	2.81	1.88	2.84	13.8	14.8	8.81	8.78	7.33	5.88	3.73	3.18	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.88
MAXIMUM DAILY, 48.2 ON JUN 25
MINIMUM DAILY, 1.888 ON MAR 13
MAXIMUM INSTANTANEOUS,
83.8 AT 14:38 YST ON JUN 25

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 01 15 N
LONG 138 34 58 W
DRAINAGE AREA, 1 100 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	7 880	JUL	25 100
FEB	5 480	AUG	18 200
MAR	5 380	SEP	21 400
APR	11 400	OCT	17 400
MAY	88 400	NOV	11 800
JUN	88 100	DEC	8 300

TOTAL DISCHARGE, 384 000 dam³

YUKON TERRITORY

DEMPSTER RIVER AT KILOMETRE 197.9 DEMPSTER HIGHWAY - STATION NO. 10MA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.578	1.768	1.388	1.288	81.0B	52.8	78.5E	22.6	32.6	28.7	8.088	3.838	1
2	2.548	1.748	1.388	1.288	80.0B	44.0	76.5E	23.8	32.6	28.4	7.818	3.668	2
3	2.518	1.728	1.388	1.288	120 B	38.7	70.5E	23.4	31.6	28.8	7.548	3.488	3
4	2.488	1.708	1.348	1.288	195	33.2	80.0E	47.1	28.6	26.0 B	7.278	3.388	4
5	2.458	1.688	1.338	1.288	285	46.2	91.0E	44.6	28.6	22.0 B	7.008	3.308	5
6	2.428	1.668	1.328	1.288	283	84.6	47.0E	38.9	28.6	21.0 B	6.788	3.228	6
7	2.398	1.648	1.328	1.288	190	170	44.0E	36.4	30.3	19.6 B	6.568	3.148	7
8	2.388	1.638	1.318	1.308	185	274	41.5E	32.8	29.6	18.7 B	6.378	3.088	8
9	2.338	1.618	1.318	1.318	185 A	188 B	38.5E	30.5	28.1	17.5 B	6.188	2.988	9
10	2.308	1.608	1.318	1.318	88.0	142 B	36.5E	28.2	28.3	16.6 B	5.988	2.908	10
11	2.278	1.588	1.308	1.328	84.0	114 E	34.0E	27.5	27.9	16.1 B	5.808	2.858	11
12	2.248	1.568	1.308	1.328	89.1	84.0E	33.0E	26.1	26.6	15.5 B	5.668	2.808	12
13	2.218	1.558	1.308	1.338	92.8	81.0E	31.0E	26.0	25.6	15.0 B	5.508	2.788	13
14	2.188	1.548	1.308	1.348	91.3	85.0E	28.0A	24.2	31.7	14.5 B	5.358	2.708	14
15	2.168	1.528	1.288	1.388	88.8	100 E	28.1	23.5	33.5	14.0 B	5.208	2.858	15
16	2.138	1.508	1.288	1.378	72.8	118 E	27.2	22.2	36.2	13.5 B	5.078	2.888	16
17	2.118	1.488	1.288	1.388	87.8	123 E	26.0	23.2	36.1	13.0 B	4.948	2.838	17
18	2.098	1.478	1.288	1.388	78.4	120 E	24.6	23.7	33.3	12.6 B	4.818	2.478	18
19	2.078	1.468	1.288	1.408	75.8	78.0E	24.4	23.0	30.0B	12.2 B	4.688	2.418	19
20	2.058	1.468	1.288	1.428	83.1	83.0E	23.4	38.6	30.0B	11.8 B	4.558	2.368	20
21	2.038	1.448	1.288	1.488	80.0	88.8E	23.2	85.8	23.0B	11.4 B	4.488	2.318	21
22	1.998	1.438	1.288	1.488	83.8	90.0E	24.2	81.8	23.0B	11.0 B	4.378	2.278	22
23	1.988	1.428	1.288	1.588	88.4	88.0E	24.2	61.8	24.0B	10.6 B	4.268	2.238	23
24	1.838	1.408	1.288	2.008	88.4	41.8E	24.8	88.2	23.1	10.2 B	4.158	2.198	24
25	1.808	1.388	1.288	3.388	80.2	40.0E	24.4	87.8	23.8	9.908	4.108	2.158	25
26	1.888	1.388	1.288	8.308	48.8	48.0E	23.8	48.7	23.8	9.648	4.028	2.118	26
27	1.888	1.368	1.258	8.008	47.8	88.0E	22.8	44.8	28.3	9.388	3.948	2.078	27
28	1.848	1.378	1.298	13.0 B	83.8	73.0E	23.2	38.8	31.3	9.128	3.888	2.038	28
29	1.828		1.288	30.0 B	88.0	78.0E	23.2	37.1	33.8	8.888	3.788	1.998	29
30	1.808		1.288	30.0 B	80.8	80.0E	22.8	35.2	31.8	8.608	3.708	1.958	30
31	1.788		1.288		87.8		22.3	33.4		8.358		1.928	31
TOTAL	66.83	43.07	40.42	112.73	2 830.1	2 578.8	1 088.7	1 219.7	879.8	470.05	181.80	81.83	TOTAL
MEAN	2.15	1.54	1.30	3.78	84.5	85.9	35.1	39.3	29.3	15.2	5.38	2.64	MEAN
MAX	2.57	1.78	1.38	30.0	288	274	78.5	81.8	38.2	28.7	8.08	3.83	MAX
MIN	1.78	1.37	1.28	1.28	31.3	33.2	22.3	22.7	23.0	8.35	3.70	1.82	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 26.8
MAXIMUM DAILY, 288 ON MAY 5
MINIMUM DAILY, 1.288 ON MAR 28
MAXIMUM INSTANTANEOUS,
383 AT 20:88 YST ON MAY 5

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 21 48 N
LONG 138 17 80 W
DRAINAGE AREA, 5 410 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	5 780	JUL	83 900
FEB	3 720	AUG	105 000
MAR	3 490	SEP	76 000
APR	9 740	OCT	40 600
MAY	283 000	NOV	14 000
JUN	223 000	DEC	7 080

TOTAL DISCHARGE, 835 000 dam³

OLD CROW RIVER NEAR THE MOUTH - STATION NO. 09FC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.6068	0.5868	0.4708	0.3868	0.3068	600 B	85.8	20.8	8.78	0.3808	1.88 B	0.8878	1
2	0.6028	0.5828	0.4678	0.3868	0.3028	650 B	81.0	20.8	10.1	0.3408	1.82 B	0.8868	2
3	0.7868	0.5868	0.4848	0.3848	0.2888	662 A	78.8	19.3	10.7	0.3808	1.58 B	0.8468	3
4	0.7848	0.5848	0.4828	0.3828	0.2848	637	88.1	17.8	11.0	0.4208	1.54 B	0.8388	4
5	0.7808	0.5808	0.4808	0.3808	0.2808	642	85.3	16.1	11.1	0.8408	1.50 B	0.8208	5
6	0.7888	0.5788	0.4548	0.3888	0.2888	480	83.8	15.1	10.9	0.7008	1.47 B	0.8188	6
7	0.7788	0.5728	0.4488	0.3868	0.2878	398	82.2	12.8	10.2	1.10 B	1.44 B	0.8128	7
8	0.7888	0.5848	0.4428	0.3548	0.2858	327	80.2	11.2	8.24	1.70 B	1.41 B	0.8068	8
9	0.7888	0.5848	0.4388	0.3628	0.2848	288	87.2	13.4	7.10	2.08 B	1.38 B	0.8048	9
10	0.7408	0.5808	0.4308	0.3608	0.2908	268	88.0	13.8	8.28	2.21 B	1.36 B	0.8008	10
11	0.7348	0.5848	0.4288	0.3488	0.3008	234	48.1A	15.5	4.38	2.28 B	1.32 B	0.8888	11
12	0.7288	0.5488	0.4228	0.3488	0.3208	220	47.3A	17.1	4.18	2.32 B	1.28 B	0.8868	12
13	0.7228	0.5428	0.4188	0.3648	0.3408	201	42.8	18.2	4.08	2.34 B	1.26 B	0.8848	13
14	0.7188	0.5388	0.4148	0.3428	0.3708	180	40.8	19.2	3.98	2.31 B	1.23 B	0.8828	14
15	0.7108	0.5308	0.4108	0.3408	0.4008	159	44.8	20.1	3.34	2.30 B	1.20 B	0.8808	15
16	0.7048	0.5268	0.4088	0.3388	0.4508	141	47.2	20.4	1.07	2.27 B	1.18 B	0.8888	16
17	0.6988	0.5208	0.4028	0.3388	0.5208	128	48.0	20.3	0.374	2.24 B	1.16 B	0.8868	17
18	0.6928	0.5168	0.3988	0.3348	0.6008	118	41.8	18.8	0.484	2.21 B	1.14 B	0.8848	18
19	0.6868	0.5078	0.3948	0.3328	0.6808	110	37.2	8.88	0.738	2.18 B	1.13 B	0.8828	19
20	0.6808	0.5008	0.3908	0.3308	0.7908	112	33.7	8.28	1.10	2.15 B	1.12 B	0.8808	20
21	0.6728	0.4988	0.3888	0.3288	0.8808	118	31.6	9.10	1.52	2.12 B	1.10 B	0.8788	21
22	0.6648	0.4928	0.3888	0.3288	1.18 B	117	28.4	10.2	1.88	2.08 B	1.08 B	0.8768	22
23	0.6588	0.4848	0.3848	0.3228	1.54 B	120	27.8	11.0	2.28	2.05 B	1.06 B	0.8748	23
24	0.6488	0.4848	0.3828	0.3218	2.18 B	120	28.2	11.8	2.83	2.02 B	1.04 B	0.8728	24
25	0.6408	0.4808	0.3808	0.3208	3.38 B	118	24.8	11.8	3.44	2.00 B	1.02 B	0.8708	25
26	0.6338	0.4778	0.3788	0.3188	5.50 B	110	22.8	10.7	4.18 A	1.98 B	1.01 B	0.8888	26
27	0.6288	0.4768	0.3788	0.3188	8.80 B	105	22.1	9.51	2.80 B	1.90 B	1.00 B	0.8878	27
28	0.6188	0.4728	0.3748	0.3148	15.0 B	98.4	21.0	8.78	1.80 B	1.85 B	0.9928	0.8858	28
29	0.6118		0.3728	0.3128	28.0 B	85.8	19.8	8.76	0.8008	1.80 B	0.8888	0.8848	29
30	0.6068		0.3718	0.3108	84.0 B	80.7	18.0	8.35	0.4208	1.75 B	0.8808	0.8828	30
31	0.6008		0.3708		200 B		18.0	8.48		1.70 B		0.8808	31
TOTAL	21.833	14.821	13.774	10.188	489.208	8 440.7	1 387.8	438.88	140.247	53.880	37.248	27.710	TOTAL
MEAN	0.704	0.533	0.412	0.338	15.1	281	44.1	14.2	4.87	1.73	1.24	0.884	MEAN
MAX	0.808	0.588	0.470	0.388	300	662	85.8	20.8	11.1	2.34	1.88	0.887	MAX
MIN	0.800	0.472	0.370	0.310	0.385	80.7	18.0	8.28	0.374	0.340	0.880	0.880	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 30.2
MAXIMUM DAILY, 662A ON JUN 3
MINIMUM DAILY, 0.3858 ON MAY 8
MAXIMUM INSTANTANEOUS,
886 AT 07:15 YST ON JUN 4

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 67 38 04 N
LONG 139 41 47 W
DRAINAGE AREA, 13 900 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 880	JUL	118 000
FEB	1 280	AUG	37 900
MAR	1 100	SEP	13 100
APR	878	OCT	4 840
MAY	40 500	NOV	3 220
JUN	729 000	DEC	2 380

TOTAL DISCHARGE, 853 000 dam³

YUKON TERRITORY

PEEL RIVER ABOVE CANYON CREEK - STATION NO. 10MA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	35.0B	28.0B	22.0B	14.0B	1B0B	500E	448A	180A	201A	198 E	97.0B	38.2B	1
2	35.2B	28.4B	22.0B	14.0B	215B	467A	377A	188A	198E	181 E	86.0B	37.7B	2
3	34.4B	28.2B	22.2B	14.4B	400B	404A	300A	188A	198A	166 E	85.7B	37.1B	3
4	34.4B	28.0B	21.8B	14.2B	690B	321A	438A	178A	182A	143 A	84.0B	36.0B	4
5	34.0B	27.8B	21.8B	14.1B	740B	840E	338A	200A	188A	139 A	83.0B	35.1B	5
6	33.8B	27.7B	21.2B	14.0B	800B	1 000E	221A	241A	188A	135 B	82.2B	35.0B	6
7	33.6B	27.6B	20.4B	13.9B	1 250B	880E	258A	238A	188A	130 B	80.8B	35.1B	7
8	33.4B	27.5B	20.4B	13.8B	1 200B	940E	337A	268E	188A	125 B	80.8B	34.0B	8
9	33.2B	27.4B	20.0B	13.8B	1 130B	880A	212A	270E	182A	121 B	84.2B	34.1B	9
10	33.0B	27.2B	19.8B	13.6B	1 050B	721A	218A	280E	178A	117 B	87.0B	33.8B	10
11	32.7B	27.0B	19.2B	13.4B	1 000B	573A	198A	240E	178A	113 B	86.0B	33.1B	11
12	32.4B	26.8B	19.0B	13.2B	940B	478A	200A	224E	202A	108 B	85.0B	32.7B	12
13	32.1B	26.6B	18.7B	13.2B	880B	384A	211A	213E	228A	105 B	84.0B	32.2B	13
14	31.8B	26.8B	18.4B	13.2B	825E	478A	198A	204E	238E	102 B	83.0B	31.8B	14
15	31.8B	26.4B	18.1B	13.2B	780E	488A	187A	190E	262E	99.0B	82.0B	31.8B	15
16	31.3B	26.2B	17.8B	13.1B	730E	578A	178A	176B	248E	98.0B	81.0B	31.1B	16
17	31.1B	26.1B	17.6B	13.2B	688E	480A	174A	168A	232E	94.0B	80.0B	30.7B	17
18	31.0B	26.0B	17.4B	13.3B	840E	431A	188A	188A	217A	92.0B	49.0B	30.4B	18
19	30.8B	25.8B	17.2B	13.4B	825E	388A	183A	161A	187A	90.0B	48.0B	30.1B	19
20	30.6B	25.7B	17.0B	13.5B	890E	368A	187A	168A	178E	88.0B	47.0B	29.8B	20
21	30.4B	25.4B	16.8B	13.6B	870E	330A	169A	188A	162E	86.0B	46.2B	29.4B	21
22	30.4B	25.1B	16.6B	14.0B	880E	284A	174A	388A	160E	84.0B	45.4B	29.1B	22
23	30.2B	24.8B	16.4B	14.2B	880E	317A	171A	348A	147E	82.0B	44.6B	28.8B	23
24	30.0B	24.6B	16.2B	14.7B	718E	388A	188A	301A	148E	80.0B	43.8B	28.5B	24
25	29.8B	24.2B	16.0B	16.2B	728E	368A	171A	282A	147E	78.6B	43.0B	28.2B	25
26	29.6B	23.8B	15.8B	18.8B	710E	1 260A	188A	228A	150A	76.8B	42.2B	27.9B	26
27	29.4B	23.6B	15.6B	26.0B	690E	1 260A	191A	224A	184E	75.2B	41.4B	27.7B	27
28	29.2B	23.2B	15.4B	43.0B	655E	781A	188A	211A	187E	73.7B	40.6B	27.6B	28
29	29.0B		15.2B	59.0B	620E	831A	177A	202A	188E	72.1B	39.8B	27.3B	29
30	28.8B		15.1B	84.0B	580E	613A	170A	196A	187E	70.6B	39.0B	27.1B	30
31	28.6B		15.0B		550E		182A	188A		89.0B		26.9B	31
TOTAL	982.6	736.1	587.9	580.3	22 415	17 633	6 914	6 781	5 589	3 200.0	1 587.6	980.6	TOTAL
MEAN	31.7	26.3	19.3	19.3	723	594	223	218	188	103	53.3	31.6	MEAN
MAX	35.6	28.6	22.6	84.0	1 250	1 260	500	388	262	188	97.8	38.3	MAX
MIN	28.6	23.2	15.0	13.1	180	284	187	180	148	89.0	38.0	26.9	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 187
MAXIMUM DAILY, 1 260A ON JUN 26
MINIMUM DAILY, 13.1B ON APR 18

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 65 53 40 N
LONG 135 02 10 W
DRAINAGE AREA, 26 700 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	84 900	JUL	597 000
FEB	63 600	AUG	584 000
MAR	48 100	SEP	483 000
APR	50 100	OCT	276 000
MAY	1 940 000	NOV	136 000
JUN	1 540 000	DEC	84 700

TOTAL DISCHARGE, 8 090 000 dam³

PELLY RIVER AT PELLY CROSSING - STATION NO. 09BC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	118 B	78.0B	53.7B	47.3B	500E	888	507	327	184	185	118 B	82.0B	1
2	118 B	77.0B	53.3B	47.5B	700E 1 010	498	318	180	200	118 B	82.0B	3
3	116 B	76.0B	52.5B	47.8B	640E 1 010	494	393	187	208	117 B	82.0B	3
4	113 B	75.0B	52.1B	48.0B	990E 1 010	484	394	188	208	114 B	81.8B	4
5	112 B	74.0B	51.8B	48.1B	1 180E 1 010	472	286	188	208	111 B	81.0B	5
6	111 B	73.0B	51.7B	48.3B	1 280E 1 030	488	278	182	208	108 B	80.0B	6
7	110 B	72.0B	51.2B	48.0B	1 300E 1 080	480	276	183	208	107 B	79.0B	7
8	110 B	71.0B	50.8B	50.0B	1 380E 1 050	442	271	181	208	104 B	77.0B	8
9	108 B	70.0B	50.2B	50.8B	1 390E 1 200	428	287	180	212	100 B	76.0B	9
10	106 B	69.0B	50.0B	51.8B	1 410A 1 280	413	283	178	216	97.0B	76.0B	10
11	107 B	67.0B	50.0B	52.8B	1 540 1 230	403	280	175	218	98.0B	78.0B	11
12	108 B	66.0B	49.8B	53.8B	1 820 1 140	385	285	170	215	93.0B	78.5B	12
13	106 B	65.0B	49.7B	54.5B	1 590 1 080	391	280	168	212	91.0B	78.5B	13
14	103 B	64.0B	49.5B	55.2B	1 440 881	383	247	168	188	90.0B	78.5B	14
15	101 B	63.0B	49.2B	56.0B	1 280 845	395	241	166	170	90.0B	78.5B	15
16	100 B	62.0B	49.0B	58.8B	1 170	928	391	235	167	161	89.0B	78.0B	16
17	98.0B	61.0B	48.8B	61.0B	1 080	931	381	228	167	137	89.0B	75.5B	17
18	97.0B	60.0B	48.0B	63.1B	1 010	881	384	223	167	107	89.5B	74.0B	18
19	95.0B	59.0B	47.5B	66.0B	974	880	382	220	167	94.0B	89.5B	73.5B	19
20	93.0B	58.0B	47.2B	69.0B	870	850	343	217	165	84.0B	89.5B	71.5B	20
21	92.0B	57.5B	47.0B	73.0B	852	812	337	213	161	84.0B	89.0B	71.5B	21
22	91.0B	56.5B	46.5B	76.0B	836	752	328	210	158	87.0B	88.5B	71.5B	22
23	89.0B	56.0B	46.5B	81.0B	827	685	332	208	161	114 B	87.5B	72.0B	23
24	87.0B	55.5B	46.5B	88.0B	827	651	358	208	165	125 B	88.5B	72.5B	24
25	86.0B	55.2B	46.5B	96.0B	827	617	385	208	163	128 B	86.0B	72.5B	25
26	85.0B	54.8B	46.5B	108 B	816	582	401	212	171	128 B	85.5B	72.5B	26
27	84.0B	54.2B	46.5B	120 B	811	572	384	217	178	127 B	85.0B	72.5B	27
28	83.0B	54.1B	46.5B	150 B	814	567	380	217	181	125 B	84.5B	72.5B	28
29	82.0B		46.5B	200 B	832	543	387	210	188	123 B	83.5B	72.0B	29
30	81.0B		46.5B	290 B	848	524	382	204	182	121 B	83.5B	71.5B	30
31	80.0B		46.5B		868		336	199		120 B		71.0B	31
TOTAL	3 084.0	1 804.1	1 519.2	2 385.3	33 682	27 028	13 444	7 884	5 238	4 020.0	2 680.3	2 340.0	TOTAL
MEAN	99.6	64.4	49.0	79.6	1 090	901	401	244	175	159	85.3	75.5	MEAN
MAX	118	78.0	53.7	280	1 820	1 280	507	327	184	215	118	82.0	MAX
MIN	80.0	54.1	46.5	47.2	800	524	328	199	158	84.0	82.5	71.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 288
MAXIMUM DAILY, 1 820 ON MAY 13
MINIMUM DAILY, 46.5B ON MAR 24
MAXIMUM INSTANTANEOUS,
1 830 AT 20:24 YST ON MAY 12

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 48 47 N
LONG 136 34 50 W
DRAINAGE AREA, 49 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	385 000	JUL	1 080 000
FEB	155 000	AUG	653 000
MAR	131 000	SEP	452 000
APR	204 000	OCT	426 000
MAY	2 830 000	NOV	247 000
JUN	2 340 000	DEC	392 000

TOTAL DISCHARGE, 9 090 000 dam³

PELLY RIVER BELOW PORTIN CREEK - STATION NO. 09BA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	21.2B	10.6 B	7.00B	8.80B	44.0B	224	75.7	44.6	22.7	28.6	16.2B	10.0 B	1
2	21.0B	10.2 B	6.90B	8.80B	84.0B	232	74.7	43.3	22.0	28.6	15.8B	10.0 B	2
3	20.8B	10.1 B	6.80B	8.80B		212	70.6	42.6	21.4	28.4	15.6B	10.0 B	3
4	20.4B	9.80B	6.80B	8.80B	107	201	70.4	41.1	21.7	31.6	15.0B	10.0 B	4
5	20.0B	9.80B	6.80B	8.80B	138	208	74.2	39.7	21.6	38.7	15.0B	10.4 B	5
6	19.9B	9.80B	6.80B	8.80B	171	204	70.2	38.0	22.2	38.6	15.0B	10.2 B	6
7	19.7B	9.60B	6.70B	8.80B	204	237	67.2	38.7	22.0	38.4	15.2B	10.0 B	7
8	19.4B	9.40B	6.70B	8.80B	231	288	65.6	38.3	21.9	38.0	14.8B	9.80B	8
9	19.0B	9.20B	6.60B	8.80B	263	278	63.0	37.2	21.4	34.6	14.2B	9.70B	9
10	18.8B	9.20B	6.60B	8.80B	298	262	62.6	36.8	21.1	34.0	13.8B	9.50B	10
11	18.4B	9.20B	6.50B	8.20B	316	231	61.7	37.0	20.7	36.2	13.4B	9.40B	11
12	18.2B	9.10B	6.50B	8.20B	280	202	62.0	34.3	20.2	33.6	13.0B	9.40B	12
13	17.8B	9.00B	6.40B	8.40B	244	182	64.2	32.6	20.0	30.7	12.8B	9.40B	13
14	17.0B	8.80B	6.40B	8.60B	213	168	62.8	31.1	20.0	32.8	12.8B	9.40B	14
15	16.3B	8.70B	6.40B	8.70B	193	158	66.6	30.6	20.6	18.0	13.7B	9.40B	15
16	15.8B	8.60B	6.30B	8.80B	182	207	67.2	29.6	20.6	14.6	12.8B	9.30B	16
17	15.2B	8.50B	6.30B	7.00B	182	191	66.0	28.0	19.8	15.0B	12.8B	9.20B	17
18	14.6B	8.30B	6.20B	7.30B	178	171	63.7	27.8	19.0	16.4B	12.8B	9.10B	18
19	14.6B	8.10B	6.20B	7.80B	188	163	60.1	28.0	18.0	15.0B	12.8B	9.00B	19
20	14.2B	7.90B	6.20B	8.00B	163	141	48.8	28.1	17.6	20.0B	12.4B	8.70B	20
21	13.8B	7.80B	6.10B	8.50B	188	130	54.0	25.7	17.8	20.8B	12.3B	8.60B	21
22	13.7B	7.60B	6.00B	8.00B	171	122	52.1	26.6	18.8	20.8B	12.2B	8.50B	22
23	13.4B	7.50B	6.00B	8.00B	174	117	55.0	26.7	18.8	20.8B	12.1B	8.40B	23
24	13.0B	7.40B	6.00B	10.4 B	177	111	64.3	28.1	20.4	20.2B	12.0B	8.30B	24
25	12.7B	7.30B	5.80B	11.8 B	178	108	64.2	27.8	21.8	19.8B	11.8B	8.20B	25
26	13.4B	7.30B	5.80B	13.0 B	188	103	62.8	27.0	22.2	18.8B	11.5B	8.30B	26
27	11.9B	7.10B	5.80B	15.0 B	188	98.4	59.2	26.1	22.8	17.0B	11.2B	8.30B	27
28	11.7B	7.10B	5.80B	15.0 B	182	91.6	55.1	25.2	24.0	15.4B	11.1B	8.20B	28
29	11.4B		5.80B	23.0 B	182	85.2	51.6	24.4	32.1	15.0B	11.0B	8.20B	29
30	11.1B		5.80B	31.0 B	188	80.2	48.5	23.8	31.7	14.8B	11.0B	8.20B	30
31	10.8B		5.80B		208		48.8	23.1		15.0B		8.20B	31
TOTAL	498.2	242.80	198.50	278.8B	5 883.0	5 287.8	1 922.4	981.1	850.3	784.0	398.1	286.30	TOTAL
MEAN	16.1	8.67	6.34	9.23	183	176	62.0	32.0	21.7	24.3	13.2	9.24	MEAN
MAX	21.2	10.6	7.00	31.0	328	278	70.6	44.6	32.1	38.7	16.0	10.6	MAX
MIN	10.8	7.10	5.80	8.80	44.0	80.2	48.8	23.1	17.6	14.8	11.0	8.20	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 67.8
MAXIMUM DAILY, 328 ON MAY 10
MINIMUM DAILY, 5.80B ON MAR 31
MAXIMUM INSTANTANEOUS,
332 AT 19:40 YST ON MAY 10

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 01 50 N
LONG 130 30 10 W
DRAINAGE AREA, 5 030 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	43 000	JUL	198 000
FEB	21 000	AUG	85 200
MAR	17 000	SEP	68 200
APR	23 800	OCT	68 100
MAY	517 000	NOV	34 200
JUN	484 000	DEC	24 700

TOTAL DISCHARGE, 1 510 000 dam³

PELLY RIVER BELOW VANSORDA CREEK - STATION NO. 09BC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV.	DEC	DAY
1	51.4B	34.4B	33.4B	30.7B	388	578E	244E	157	104	114	88.0B	88.0B	1
2	51.4B	33.6B	33.3B	30.7B	344	540E	240E	154	103	114	84.0B	84.0B	2
3	50.8B	33.0B	33.0B	30.6B	405	505E	244E	149	102	117	83.0B	84.0B	3
4	50.2B	32.4B	32.8B	30.5B	545	547A	244E	147	102	118	82.0B	84.0B	4
5	50.0B	32.0B	32.8B	31.0B	606	559E	233E	148	101	119	80.0B	83.0B	5
6	49.8B	31.8B	32.7B	31.2B	618	612E	238E	162	102	121	77.0B	83.0B	6
7	49.8B	31.0B	32.6B	31.4B	616	606E	219E	139	101	124	76.0B	82.6B	7
8	49.0B	30.8B	32.3B	31.8B	528	564E	213E	137	100	128	73.0B	82.0B	8
9	48.4B	30.3B	32.1B	32.0B	580	547E	206E	135	100	128	70.0B	81.0B	9
10	47.8B	30.0B	32.0B	32.3B	729	573E	200E	133	100 E	128	69.0B	80.0B	10
11	47.0B	28.6B	31.8B	32.7B	783	532E	187E	131	101 E	126	67.0B	80.0B	11
12	46.2B	28.1B	31.6B	32.8B	769	542E	188E	131	101 A	123	66.0B	49.0B	12
13	45.8B	28.0B	31.7B	33.1B	713	548E	182E	128	100	116	65.5B	48.0B	13
14	45.0B	28.4B	31.7B	33.8B	638	524E	180E	125	99.8	109	65.0B	48.0B	14
15	44.4B	28.0B	31.8B	34.0B	572	530E	183E	123	101	104 B	64.5B	48.0B	15
16	43.8B	27.6B	31.5B	34.8B	530	537E	178E	120	100	98.0B	64.0B	48.0B	16
17	43.4B	27.0B	31.3B	35.5B	482	514E	188E	118	100	88.0B	64.0B	47.0B	17
18	42.8B	26.8B	31.2B	36.7B	477	488E	182A	118	99.5	81.0B	64.0B	46.0B	18
19	42.0B	26.2B	31.0B	36.0B	486	482E	188	118	99.2	78.0B	63.5B	45.0B	19
20	41.2B	25.8B	31.0B	38.4B	448A	427E	187	113	98.6	78.0B	63.0B	43.0B	20
21	40.4B	25.5B	30.8B	31.4B	468E	384E	186	113	99.8	80.0B	63.0B	43.0B	21
22	39.0B	25.2B	30.8B	33.8B	480E	367E	186	113	98.6	82.0B	62.5B	42.5B	22
23	38.2B	24.8B	30.8B	36.0B	470E	348E	182	113	103	84.0B	62.0B	42.0B	23
24	38.0B	24.7B	30.8B	38.5B	478E	328E	202	116	103	87.0B	61.5B	42.0B	24
25	38.1B	24.4B	30.7B	42.0B	481E	308E	201	117	104	82.0B	61.0B	42.0B	25
26	37.8B	24.1B	30.8B	48.0B	486E	298E	196	118	108	82.0B	60.0B	41.5B	26
27	36.8B	24.0B	30.8B	55.0B	491E	288E	186	113	108	81.0B	59.5B	41.5B	27
28	36.2B	23.8B	30.8B	70.0B	482E	274E	183	111	108	80.0B	59.0B	41.0B	28
29	35.8B		30.8B	88.0B	488E	261E	173	108	109	80.0B	58.0B	41.0B	29
30	35.4B		30.8B	120 B	500E	248E	188	110	111	80.0B	58.0B	41.0B	30
31	34.8B		30.8B		520E		181	104		80.0B		40.5B	31
TOTAL	1 383.3	782.8	968.3	1 027.8	15 718	14 501	6 033	3 894	3 068.5	3 184.0	2 024.5	1 481.0	TOTAL
MEAN	43.7	28.3	31.8	34.3	538	483	195	126	102	102	67.5	47.1	MEAN
MAX	51.8	34.4	33.4	120	783	687	244	157	111	128	88.0	88.0	MAX
MIN	34.8	23.8	30.8	30.7	288	248	167	104	98.6	78.0	58.0	40.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 150
MAXIMUM DAILY, 783 ON MAY 11
MINIMUM DAILY, 30.6B ON MAR 30
MAXIMUM INSTANTANEOUS,
808 AT 01:40 YST ON MAY 12

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 13 20 N
LONG 133 22 40 W
DRAINAGE AREA, 22 100 km²

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	117 000	JUL	521 000
FEB	68 500	AUG	336 000
MAR	87 800	SEP	285 000
APR	88 800	OCT	273 000
MAY	1 440 000	NOV	178 000
JUN	1 280 000	DEC	128 000

TOTAL DISCHARGE, 4 730 000 dam³

PORCUPINE RIVER AT OLD CROW - STATION NO. 09FD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	20.8B	18.1B	16.8B	16.1B	110B	1 800E	1 500	420	284	184	74.0B	33.0B	1
2	20.6B	18.0B	16.8B	16.1B	220B	2 000E	1 150	371	258	175	71.5B	32.4B	2
3	20.6B	18.0B	16.8B	16.1B	440B	3 100E	837	329	241	172	68.0B	31.8B	3
4	20.4B	17.9B	16.8B	16.1B	1 000B	1 840A	851	363	232	184	66.5B	31.2B	4
5	20.2B	17.9B	16.8B	16.1B	2 000B	1 580	778	334	234	166	64.0B	30.6B	5
6	20.1B	17.8B	16.8B	16.1B	2 750B	1 310	658	361	242A	152	62.0B	30.1B	6
7	20.0B	17.8B	16.7B	16.1B	2 450E	1 240	536A	378	265E	150	60.0B	29.6B	7
8	19.9B	17.7B	16.7B	16.1B	2 100E	1 240	400E	353	380E	144	58.0B	29.2B	8
9	19.8B	17.7B	16.7B	16.1B	1 850E	1 480	345E	312	430E	138	56.0B	28.8B	9
10	19.8B	17.6B	16.6B	16.1B	1 600E	1 440	300E	277	400E	138	54.0B	28.4B	10
11	19.7B	17.6B	16.6B	16.0B	1 400E	1 330	305A	248	380E	131	52.5B	27.9B	11
12	19.6B	17.5B	16.5B	16.0B	1 200E	1 080	314	220	335E	121	51.0B	27.4B	12
13	19.5B	17.5B	16.5B	16.0B	1 000E	847	302	200	378A	112 B	49.5B	27.0B	13
14	19.3B	17.4B	16.5B	16.0B	820E	832	278	185	513	97.0B	48.0B	26.6B	14
15	19.2B	17.4B	16.4B	16.0B	640E	758	262	178	654	85.0B	46.5B	26.2B	15
16	19.1B	17.3B	16.4B	16.0B	440E	700	251	180	770	77.0B	45.4B	25.8B	16
17	19.0B	17.3B	16.4B	16.0B	320E	705	251	193	763	70.0B	44.3B	25.4B	17
18	19.0B	17.2B	16.4B	16.0B	310E	873	232	217	692	68.0B	43.2B	25.1B	18
19	18.9B	17.2B	16.4B	16.0B	450E	1 250	215	248	610	62.0B	42.1B	24.8B	19
20	18.8B	17.1B	16.3B	16.0B	530E	1 250	209	227	528	60.0B	41.0B	24.6B	20
21	18.8B	17.1B	16.3B	15.9B	680E	1 120	202	207	450	60.5B	40.2B	24.1B	21
22	18.7B	17.1B	16.3B	15.9B	880E	1 010	181	207	378	62.5B	39.4B	23.8B	22
23	18.6B	17.0B	16.3B	15.8B	980E	878	189	385	323	65.5B	38.6B	23.5B	23
24	18.6B	17.0B	16.2B	15.9B	1 040E	780	204	1 150	283	68.0B	37.8B	23.1B	24
25	18.5B	17.0B	16.2B	15.9B	1 070E	881	228	1 140	249	72.5B	37.0B	22.8B	25
26	18.4B	17.0B	16.2B	16.4B	980E	612	266	824	225	75.0B	36.3B	22.5B	26
27	18.3B	16.9B	16.2B	17.0B	780E	1 120	284	724	205	76.5B	35.6B	22.2B	27
28	18.3B	16.9B	16.2B	17.9B	850E	2 820	334	588	190	76.5B	34.9B	21.9B	28
29	18.2B		16.2B	19.0B	850E	3 150	485	453	182	76.0B	34.2B	21.6B	29
30	18.2B		16.2B	54.0B	1 100E	2 150	518	370	183	76.5B	33.6B	21.3B	30
31	18.1B		16.1B		1 300E		466	317		76.5B		21.0B	31
TOTAL	597.3	488.0	510.5	524.7	32 220	40 247	13 485	12 014	11 241	3 256.0	1 465.1	813.8	TOTAL
MEAN	19.3	17.4	16.5	17.5	1 040	1 340	434	388	375	105	48.8	26.2	MEAN
MAX	20.8	18.1	16.8	54.0	2 750	3 150	1 500	1 150	770	184	74.0	33.0	MAX
MIN	18.1	16.9	16.1	15.8	110	612	181	178	182	60.0	33.6	21.0	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 320
MAXIMUM DAILY, 3 150 ON JUN 29
MINIMUM DAILY, 15.8B ON APR 23
MAXIMUM INSTANTANEOUS,
3 240 AT 06:17 YST ON JUN 29

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 67 33 50 N
LONG 139 53 00 W
DRAINAGE AREA, 55 400 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	51 800	JUL	1 160 000
FEB	42 200	AUG	1 040 000
MAR	44 100	SEP	971 000
APR	45 300	OCT	281 000
MAY	2 760 000	NOV	127 000
JUN	3 480 000	DEC	70 300

TOTAL DISCHARGE, 10 100 000 dam³

PORCUPINE RIVER BELOW BELL RIVER - STATION NO. 09FB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	17.8B	16.2B	15.7B	15.4B	52.0B	1 100	984	339	243	183	61.8B	30.2B	1
2	17.5B	16.2B	15.7B	15.4B	120 B	1 100	772	297	228	158	60.1B	29.8B	2
3	17.4B	16.1B	15.7B	15.4B	480 B	1 020	848	273	219	151	58.4B	29.2B	3
4	17.3B	16.1B	15.7B	15.4B	780 B	828	639	272	220	144	56.7B	28.6B	4
5	17.3B	16.1B	15.7B	15.4B	2 680 A	682	531	319	224	138	55.0B	28.2B	5
6	17.2B	16.1B	15.7B	15.4B	1 800	847	420	341	234	136	53.8B	27.7B	6
7	17.2B	16.0B	15.7B	15.4B	1 710	888	334	322	254	134	52.2B	27.3B	7
8	17.1B	16.0B	15.7B	15.4B	1 380	851	277	280	382	130	50.8B	26.8B	8
9	17.1B	16.0B	15.6B	15.4B	1 100	1 070	243	256	421	126	49.4B	26.5B	9
10	17.0B	16.0B	15.6B	15.4B	923	814	240	230	385	124	48.0B	26.1B	10
11	17.0B	16.0B	15.6B	15.4B	738	765	255	209	338	123	46.8B	25.7B	11
12	16.9B	15.9B	15.6B	15.4B	532	680	243	192	316	121	45.8B	25.3B	12
13	16.9B	15.9B	15.6B	15.4B	385	581	225	178	344	92.0B	44.7B	24.9B	13
14	16.8B	15.9B	15.6B	15.4B	302	534	213	171	473	78.0B	43.8B	24.5B	14
15	16.8B	15.9B	15.6B	15.3B	260	489	214	188	568	70.0B	42.8B	24.2B	15
16	16.8B	15.8B	15.5B	15.3B	219	503	205	185	808	64.0B	41.8B	23.8B	16
17	16.7B	15.8B	15.5B	15.3B	207	707	186	197	557	58.0B	40.7B	23.5B	17
18	16.7B	15.8B	15.5B	15.3B	234	906	177	214	503	55.5B	39.8B	23.3B	18
19	16.7B	15.8B	15.5B	15.3B	305	932	174	199	460	55.0B	38.9B	23.1B	19
20	16.6B	15.8B	15.5B	15.3B	388	852	172	184	373	54.5B	38.0B	22.8B	20
21	16.5B	15.8B	15.5B	15.3B	524	771	183	183	313	55.5B	37.2B	22.6B	21
22	16.5B	15.8B	15.5B	15.2B	662	668	157	282	270	56.0B	36.4B	22.3B	22
23	16.5B	15.8B	15.5B	15.3B	799	660	171	681	235	58.5B	35.6B	22.0B	23
24	16.5B	15.8B	15.5B	15.5B	871	471	208	1 100	212	62.0B	34.8B	21.7B	24
25	16.4B	15.8B	15.5B	15.8B	782	426	250	921	193	64.0B	34.0B	21.4B	25
26	16.4B	15.8B	15.5B	16.8B	845	850	265	728	181	66.5B	33.4B	21.1B	26
27	16.4B	15.8B	15.5B	17.8B	680	2 130	265	670	171	67.0B	32.8B	20.8B	27
28	16.3B	15.8B	15.4B	20.0B	668	2 810	364	440	184	67.5B	32.2B	20.6B	28
29	16.3B		15.4B	24.0B	682	2 190	485	351	183	66.7B	31.6B	20.4B	29
30	16.3B		15.4B	33.0B	825	1 350	424	299	186	65.2B	31.0B	20.2B	30
31	16.2B		15.4B		1 010		384	287		63.5B		20.0B	31
TOTAL	521.0	445.1	482.4	486.2	22 474.0	25 098	10 348	10 818	9 381	2 871.4	1 307.5	764.6	TOTAL
MEAN	16.8	15.9	15.6	16.2	725	837	334	349	313	92.6	43.6	24.7	MEAN
MAX	17.8	16.2	15.7	33.0	2 680	2 810	984	1 100	808	183	61.8	30.2	MAX
MIN	16.2	15.8	15.4	15.2	52.0	426	157	166	183	54.5	31.0	20.0	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 241
MAXIMUM DAILY, 2 810 ON JUN 28
MINIMUM DAILY, 15.2B ON APR 22
MAXIMUM INSTANTANEOUS,
2 880 AT 13:38 YST ON JUN 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 67 26 25 N
LONG 137 47 01 W
DRAINAGE AREA, 36 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	45 000	JUL	894 000
FEB	38 500	AUG	935 000
MAR	41 700	SEP	811 000
APR	42 000	OCT	248 000
MAY	1 940 000	NOV	113 000
JUN	2 430 000	DEC	66 200

TOTAL DISCHARGE, 7 600 000 dam³

PORCUPINE RIVER NEAR INTERNATIONAL BOUNDARY - STATION NO. 09FD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	22.8B	20.4B	13.8B	18.9B	50.0B	2 110	1 700E	473	348	231	78.0B	33.9B	1
2	23.7B	20.3B	14.4B	18.8B	110 B	2 280	1 650E	432	313	234	76.0B	33.2B	2
3	23.8B	20.2B	15.4B	18.8B	185 B	2 300	1 150E	383	281	228	73.5B	32.6B	3
4	23.4B	20.1B	16.3B	18.8B	400 B	2 120A	1 000E	357	274	220	71.0B	31.9B	4
5	23.3B	20.0B	16.2B	18.8B	780 B	3 000E	900E	368	265	215	69.0B	31.3B	5
6	23.1B	20.0B	16.1B	18.7B	1 550 B	1 850E	800E	384	257	203	88.7B	30.7B	6
7	23.0B	19.9B	16.0B	18.7B	2 050 B	1 500E	850E	390	271	209	84.4B	30.1B	7
8	22.9B	19.9B	16.0B	18.7B	2 500 E	1 810E	840E	398	282	209	82.1B	29.8B	8
9	22.8B	19.8B	17.9B	18.6B	2 200 E	1 740E	420E	371	287	198	89.8B	28.1B	9
10	22.7B	19.8B	17.9B	18.9B	2 000 E	1 700E	370E	339	480	197	87.8B	26.8B	10
11	22.6B	19.7B	17.4B	18.8B	1 700 E	1 800E	328A	307	501	193	88.8B	26.2B	11
12	22.4B	19.7B	17.8B	18.6B	1 400 E	1 300E	331	278	452	185	84.1B	27.8B	12
13	22.3B	19.6B	17.7B	18.6B	1 220 E	1 120E	338	260	408	180 B	82.4B	27.4B	13
14	22.2B	19.6B	17.7B	18.5B	1 100 E	1 000E	316	251	448	110 B	80.7B	27.0B	14
15	22.1B	19.6B	17.7B	18.4B	800 E	900E	298	219	880	88.0B	48.0B	26.8B	15
16	22.0B	19.4B	17.6B	18.4B	500 E	840E	288	208	727	88.0B	47.8B	26.2B	16
17	21.9B	19.3B	17.6B	18.4B	400 E	880E	284	210	788	90.0B	46.8B	26.8B	17
18	21.8B	19.2B	17.5B	18.3B	380 E	1 000E	271	221	783	73.0B	45.4B	26.3B	18
19	21.7B	19.1B	17.4B	18.3B	480 E	1 300E	252	248	884	87.5B	44.2B	25.9B	19
20	21.7B	19.1B	17.4B	18.2B	800 E	1 410E	238	274	856	84.5B	43.0B	25.0B	20
21	21.8B	19.0B	17.3B	18.2B	780 E	1 300E	231	284	524	84.0B	42.1B	24.7B	21
22	21.4B	19.0B	17.3B	18.1B	1 000 E	1 150E	224	238	483	87.5B	41.2B	24.4B	22
23	21.3B	18.9B	17.2B	18.1B	1 200 A	1 000E	217	237	388	72.0B	40.3B	24.1B	23
24	21.2B	18.8B	17.2B	18.3B	1 280	900E	223	571	348	76.0B	39.4B	23.8B	24
25	21.1B	18.8B	17.1B	18.3B	1 300	780E	231	1 210	316	78.5B	38.6B	23.6B	25
26	21.0B	18.7B	17.1B	18.5B	1 200	720E	258	1 080	288	82.5B	37.7B	23.3B	26
27	20.9B	18.7B	17.0B	18.7B	1 070	1 040E	256	885	268	84.5B	36.9B	22.9B	27
28	20.8B	18.6B	17.0B	17.1B	1 010	1 000E	314	709	248	85.2B	36.1B	22.6B	28
29	20.7B		16.9B	18.0B	1 110	1 800E	385	573	234	84.0B	35.3B	22.3B	29
30	20.6B		16.9B	24.0B	1 400	2 800E	513	488	229	83.5B	34.5B	22.0B	30
31	20.5B		16.8B		1 740		623	390		81.0B		21.6B	31
TOTAL	683.9	545.2	545.9	504.6	34 385.0	48 480	18 347	12 837	12 423	4 117.3	1 849.0	831.3	TOTAL
MEAN	22.1	19.5	17.6	18.8	1 110	1 620	485	417	414	133	61.6	26.8	MEAN
MAX	23.8	20.4	18.5	24.0	2 880	3 800	1 700	1 210	788	234	78.0	33.9	MAX
MIN	20.5	18.6	16.8	18.1	50.0	720	217	208	229	84.0	34.5	21.6	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 364
MAXIMUM DAILY, 2 800E ON JUN 29
MINIMUM DAILY, 18.1B ON APR 23

SUMMARY FOR THE YEAR 1989

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 67 25 37 N
LONG 140 53 30 W
DRAINAGE AREA, 59 800 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	59 100	JUL	1 330 000
FEB	47 100	AUG	1 120 000
MAR	47 200	SEP	1 070 000
APR	43 800	OCT	356 000
MAY	2 970 000	NOV	134 000
JUN	3 030 000	DEC	71 800

TOTAL DISCHARGE, 11 200 000 dam³

RANCHERIA RIVER NEAR THE MOUTH - STATION NO. 10AA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	18.0B	11.8B	13.1 B	3.29B	3.80B	175 E	100 E	87.3	37.2	81.4	28.1B	21.3B	1
2	17.0B	11.8B	13.2 B	3.31B	3.80B	173 A	93.0E	85.4	36.5	48.8	24.8B	21.0B	2
3	16.3B	11.8B	13.0 B	3.26B	3.65	168	90.0E	83.0	36.6	48.4	28.2B	20.4B	3
4	15.8B	11.4B	12.7 B	4.35	162		88.0E	81.3	37.6	52.5	28.0B	20.0B	4
5	15.0B	11.8B	13.3 B	3.38B	8.22	165	84.0E	80.3	38.6	53.6	26.8B	19.8B	5
6	14.0B	11.8B	11.6 B	3.36B	8.65	163 A	78.0A	80.3	37.3	53.2	27.8B	19.3B	6
7	13.5B	11.6B	11.0 B	3.35B	7.10	170 E	77.2	86.5	36.5	52.4	26.0B	19.2B	7
8	13.5B	12.0B	10.6 B	3.35B	8.72	180 E	73.7	86.3	35.0	52.8	24.5B	19.2B	8
9	13.8B	12.3B	10.1 B	3.40B	8.87A	168 E	72.7	87.7	34.5	52.7	23.5B	19.1B	9
10	13.0B	12.0B	9.70B	3.40B	14.0 E	160 E	73.3	87.0	34.1	53.4	23.1B	19.1B	10
11	14.0B	12.0B	9.20B	3.42B	20.0 E	142 E	73.4	84.8	33.2	53.5	22.8B	19.1B	11
12	14.3B	13.3B	8.70B	3.46B	31.0 E	144 E	71.6	82.4	32.3	52.8	22.6B	19.1B	12
13	14.5B	13.6B	8.30B	3.46B	50.0 E	148 E	70.3	80.8	32.0	50.3	23.0B	19.3B	13
14	14.7B	14.1B	8.00B	3.46B	64.0 E	153 E	72.8	49.5	32.0	48.4	23.1B	19.3B	14
15	14.8B	13.8B	7.70B	3.60B	83.0 E	164 E	72.7	48.3	32.4	41.0	23.9B	19.4B	15
16	15.0B	13.3B	7.40B	3.60B	82.0 E	150 E	69.1	47.8	32.3	37.4	23.7B	19.3B	16
17	15.0B	12.8B	7.20B	3.49B	81.5 E	138 E	68.1	48.5	32.8	38.1	23.8B	19.1B	17
18	15.0B	12.8B	8.80B	3.48B	84.0 E	110 E	61.8	44.7	32.5	40.1	23.9B	19.7B	18
19	15.0B	12.8B	8.50B	3.48B	86.0 E	102 E	60.6	43.7	32.7	38.7	23.7B	19.1B	19
20	14.8B	12.8B	8.00B	3.48B	88.0 E	98.0E	59.8	43.4	33.2	38.3	23.8B	17.8B	20
21	14.5B	12.8B	8.60B	3.48B	80.0 E	94.0E	61.1	42.8	33.3	40.8	23.4B	17.5B	21
22	14.2B	13.3B	8.60B	3.48B	84.0 E	88.0E	66.8	44.0	33.5	39.6	23.3B	17.3B	22
23	14.1B	13.4B	8.30B	3.48B	70.0 E	82.0E	63.2	45.8	47.6	37.6	23.2B	17.2B	23
24	14.5B	13.6B	8.10B	3.48B	78.0 E	84.0E	62.0	47.2	48.4	35.8	23.1B	17.0B	24
25	15.5B	13.5B	8.00B	3.50B	88.0 E	103 E	76.7	46.9	46.6	36.3	23.0B	16.8B	25
26	16.1B	13.8B	4.80B	3.80B	93.0 E	108 E	72.5	44.6	43.2	34.2	22.7B	16.6B	26
27	17.0B	13.3B	4.10B	3.50B	100 E	120 E	68.7	43.3	40.5	28.3	22.4B	16.5B	27
28	17.8B	13.2B	3.68B	3.65B	112 E	148 E	65.4	41.6	48.6	26.9	22.2B	16.4B	28
29	17.0B		3.88B	3.50B	134 E	120 E	62.0	40.7	48.2	27.3B	21.8B	16.3B	29
30	16.8B		3.48B	3.50B	155 E	100 E	60.0	39.7	52.4	24.9B	21.5B	16.4B	30
31	14.5B		3.32B		160 E		58.0	37.8		28.7B		16.8B	31
TOTAL	488.7	368.6	243.21	103.02	1 877.04	4 084.0	2 282.3	1 487.8	1 181.6	1 323.6	726.0	571.5	TOTAL
MEAN	15.1	12.7	7.85	3.43	84.1	135	73.0	48.3	39.4	42.7	24.2	18.4	MEAN
MAX	18.0	14.1	13.2	3.80	180	185	100	87.7	52.4	53.6	28.2	21.3	MAX
MIN	13.5	11.4	3.32	3.21	3.65	92.0	58.0	37.8	32.0	28.7	21.5	16.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 38.8
MAXIMUM DAILY, 185 ON JUN 5
MINIMUM DAILY, 3.21B ON APR 2
MAXIMUM INSTANTANEOUS,
191 AT 13:00 YST ON JUN 5

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 12 35 N
LONG 139 33 00 W
DRAINAGE AREA, 6 100 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	40 500	JUL	195 000
FEB	30 700	AUG	128 000
MAR	21 000	SEP	102 000
APR	8 800	OCT	114 000
MAY	145 000	NOV	62 700
JUN	350 000	DEC	48 400

TOTAL DISCHARGE, 1 250 000 dam³

YUKON TERRITORY

ROSS RIVER AT ROSS RIVER - STATION NO. 09AA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	11.3 B	7.40B	8.38B	5.84B	147A	174	87.2	44.2E	25.0E	27.0E	21.4B	12.5 B	1
2	11.3 B	7.30B	8.30B	5.80B	187	178	84.4	43.8E	24.4E	26.3A	21.1B	12.4 B	2
3	11.2 B	7.20B	8.20B	5.80B	187	178	82.8	42.0E	24.0E	31.1A	21.0B	12.7 B	3
4	11.1 B	7.10B	8.18B	5.78B	200	172	83.8	40.4E	23.8E	31.8E	20.8B	12.4 B	4
5	10.8 B	7.00B	8.00B	5.70B	213	168	84.0	38.2E	23.8E	33.2A	20.4B	12.3 B	5
6	10.5 B	7.00B	8.88B	5.70B	242	170	81.8	38.0E	23.8E	33.8E	20.0B	12.0 B	6
7	10.2 B	7.00B	8.88B	5.70B	284	211	78.8	37.3E	23.8E	34.0E	19.8B	11.8 B	7
8	10.0 B	6.95B	8.88B	5.72B	280	285	75.5	37.0E	23.8E	34.1E	19.0B	11.8 B	8
9	9.80B	6.90B	8.84B	5.76B	293	288	74.1	36.2E	23.7E	34.1A	18.4B	11.5 B	9
10	9.60B	6.85B	8.92B	5.78B	327	247	72.8	36.0E	23.6E	33.3E	17.8B	11.4 B	10
11	9.40B	6.82B	8.84B	5.84B	383	217	71.1	37.0E	23.3E	32.2E	17.2B	11.3 B	11
12	9.40B	6.80B	8.88B	5.88B	338	190	68.4	36.2E	23.0E	31.8A	16.8B	11.3 B	12
13	9.40B	6.80B	8.00B	5.90B	280	170	67.6	33.8E	22.8E	31.1E	16.2B	11.3 B	13
14	9.70B	6.78B	8.02B	6.19B	238	159	61.4	32.6E	22.6A	31.1E	16.0B	11.3 B	14
15	9.60B	6.76B	8.04B	6.40B	200	162	54.8	31.2E	22.7E	31.2A	15.8B	11.3 B	15
16	9.50B	6.76B	8.04B	6.88B	177	178	50.7	30.9E	22.4E	30.7E	15.8B	11.1 B	16
17	9.30B	6.72B	8.03B	6.78B	173	185	50.3	29.6E	22.0A	29.8E	15.6B	11.0 B	17
18	9.10B	6.70B	8.03B	6.88B	174	178	49.5	28.0E	22.5E	29.2A	15.3B	10.8 B	18
19	8.80B	6.86B	8.14B	7.20B	184	184	49.0	28.6E	21.7E	28.5B	15.0B	10.5 B	19
20	8.60B	6.83B	8.18B	7.60B	188	148	48.4	28.4E	20.0A	27.8B	14.9B	10.2 B	20
21	8.30B	6.80B	8.20B	7.80B	181	132	48.3	28.4E	20.5E	27.2B	14.8B	10.1 B	21
22	8.20B	6.68B	8.20B	8.30B	183	131	48.7	28.7E	21.2E	27.0B	14.6B	10.0 B	22
23	8.10B	6.58B	8.20B	9.00B	187	111	48.8	28.2E	22.0E	26.8B	14.4B	10.0 B	23
24	8.00B	6.58B	8.18B	9.80B	188	106	52.8	28.6E	22.7A	26.4B	14.0B	10.0 B	24
25	7.80B	6.58B	8.18B	10.8 B	170	102	54.6	28.1E	22.8E	25.8B	13.7B	10.0 B	25
26	7.60B	6.84B	8.18B	12.0 B	172	101	54.0	28.9E	23.0E	25.0B	13.4B	10.0 B	26
27	7.60B	6.80B	8.10B	13.0 B	178	94.6	52.5	28.4E	23.6A	24.0B	13.3B	10.0 B	27
28	7.60B	6.40B	8.04B	24.0 B	176	85.0	50.7	27.6E	24.0E	23.0B	13.1B	10.0 B	28
29	7.70B		8.08B	35.0 B	168	82.9	48.2	26.9E	24.8E	22.2B	13.0B	10.0 B	29
30	7.60B		8.06B	50.0 B	155	88.9	46.1A	26.2E	25.0E	21.8B	12.8B	9.80B	30
31	7.60B		8.00B		139		45.7E	25.8E		21.7B		9.60B	31
TOTAL	288.70	180.49	188.37	308.72	6 422	4 817.3	1 924.0	1 023.5	694.8	898.3	485.4	341.20	TOTAL
MEAN	9.28	6.80	8.08	10.3	207	161	62.1	33.0	23.2	28.8	16.5	11.0	MEAN
MAX	11.3	7.40	8.38	50.0	383	288	87.2	44.2	28.0	34.1	21.4	12.8	MAX
MIN	7.60	6.40	8.00	5.70	147	88.9	45.7	25.8	20.0	21.7	12.8	9.60	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 48.2
MAXIMUM DAILY, 383 ON MAY 11
MINIMUM DAILY, 5.70B ON APR 5
MAXIMUM INSTANTANEOUS,
385 AT 17:16 YST ON MAY 11

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 59 40 N
LONG 132 22 40 W
DRAINAGE AREA, 7 250 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	24 800	JUL	185 000
FEB	16 500	AUG	95 400
MAR	18 300	SEP	80 000
APR	28 400	OCT	77 400
MAY	558 000	NOV	42 800
JUN	416 000	DEC	28 500

TOTAL DISCHARGE, 1 520 000 dam³

SEKULMUN LAKE NEAR WHITEHORSE - STATION NO. 09AA007

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.124A	---	---	---	---	---	---	---	2.306	2.272	2.183	2.135	1
2	2.125	---	---	---	---	---	---	---	2.307	2.260	2.183	2.143	2
3	2.123A	---	---	---	---	---	---	2.285A	2.301	2.255	2.184	2.138	3
4	---	2.124A	---	---	---	---	---	2.273A	2.298	2.252	2.189	2.134	4
5	---	2.118A	---	---	---	---	---	2.281	2.293	2.248	2.188	2.142	5
6	---	2.068A	---	---	---	---	---	2.291	2.293	2.244	2.182	2.128	6
7	2.111A	---	---	---	---	---	---	2.288	2.286	2.280	2.133	2.127	7
8	2.111A	---	---	---	---	---	---	2.300	2.284	2.238	2.118	2.132	8
9	---	---	---	---	---	---	---	2.302	2.288	2.225	2.108	2.137	9
10	---	---	---	2.218A	---	---	---	2.304	2.312	2.219	2.107	2.178	10
11	2.128A	---	---	---	---	---	---	2.307	2.307	2.213	2.108A	2.188	11
12	2.118	---	---	---	---	---	---	2.311	2.290	2.208	2.108A	2.182	12
13	2.110A	---	---	---	---	---	---	2.306	2.283	2.210	2.108A	2.183	13
14	---	---	---	---	---	---	---	2.298	2.282	2.203	2.106	2.137	14
15	---	---	---	---	---	---	---	2.291	2.277	2.208	2.116	2.118	15
16	---	---	---	---	---	---	---	2.291	2.274	2.208	2.108	2.133	16
17	---	---	---	---	---	---	---	2.290	2.288	2.208	2.113	2.128	17
18	---	---	---	---	---	---	---	2.290	2.270	2.191	2.111	2.138	18
19	---	---	---	---	---	---	---	2.288	2.288	2.191	2.102	2.134	19
20	---	---	---	---	---	2.343A	---	2.270	2.289	2.187	2.103	2.109	20
21	---	---	---	---	---	2.342	---	2.288	2.273	2.178	2.100	2.101	21
22	---	---	---	---	---	2.340	---	2.286	2.281	2.178	2.133	2.102	22
23	---	---	---	---	---	2.332	---	2.286	2.274	2.174	2.138	2.154	23
24	---	---	---	---	---	2.336A	---	2.303	2.288	2.174	2.138	2.172	24
25	2.138A	---	---	---	---	---	---	2.304	2.288	2.171	2.130	2.177	25
26	2.142A	---	---	---	---	---	---	2.308	2.288	2.168	2.128	2.144	26
27	---	---	---	---	---	---	---	2.313	2.293	2.164	2.114	2.133	27
28	---	---	---	---	---	---	---	2.317	2.288	2.172	2.111	2.170	28
29	---		---	---	---	---	---	2.318	2.282	2.168	2.128	2.164	29
30	---		---	---	---	---	---	2.314	2.287	2.161	2.134	2.168	30
31	---		---		---		---	2.308		2.157		2.127	31
MEAN	---	---	---	---	---	---	---	---	2.292	2.205	2.128	2.140	MEAN
MAX	---	---	---	---	---	---	---	---	2.312	2.272	2.188	2.183	MAX
MIN	---	---	---	---	---	---	---	---	2.287	2.157	2.100	2.101	MIN

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 32 35 N
LONG 137 33 00 W

A - MANUAL GAUGE

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SEKULMUN RIVER AT OUTLET OF SEKULMUN LAKE - STATION NO. 09AA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0268	0.0258	OB	OB	---	---	---	---	5.83	5.02	3.50	1.628	1
2	0.0228	0.0128	OB	OB	---	---	---	---	5.90	5.48	3.43	1.608	2
3	0.0188	0.0088	OB	OB	---	---	---	---	5.90	5.82	3.53	1.788	3
4	0.0348	0.0028	OB	OB	---	---	---	6.38A	6.49	6.84	3.84	1.788	4
5	0.0708	0.0028	OB	OB	---	---	---	6.05A	6.41	6.84	3.84	1.748	5
								6.48	6.54	6.44	3.85		
6	0.0388	0.0018	OB	OB	---	---	---	---	---	---	---	---	6
7	0.0088	0.0018	OB	OB	---	---	---	6.80	6.54	5.34	3.27	1.718	7
8	0.5748	0.0018	OB	OB	---	---	---	6.68	6.80	5.73	3.86	1.888	8
9	0.5428	0.0018	OB	OB	---	---	---	6.70	6.86	5.23	3.308	1.888	9
10	0.5108	0.0018	OB	OB	---	---	---	6.78	6.88	4.88	2.858	1.828	10
								6.82	7.06	4.78	2.488	1.608	
11	0.4828	0.0018	OB	---	---	---	---	6.81	6.84	4.80	2.318	1.588	11
12	0.4788	0.0018	OB	---	---	---	---	7.01	6.47	4.48	2.388	1.588	12
13	0.4588	0.0018	OB	---	---	---	---	6.85	6.30	4.63	2.208	1.828	13
14	0.4428	0.0018	OB	---	---	---	---	6.61	6.27	4.38	2.188	1.808	14
15	0.4288	0 B	OB	---	---	---	---	6.80	6.18	4.42	2.138	1.668	15
16	0.4108	0 B	OB	---	---	---	---	6.48	6.08	4.60	2.108	1.488	16
17	0.3968	0 B	OB	---	---	---	---	6.46	6.06	4.43	2.078	1.428	17
18	0.3808	0 B	OB	---	---	---	---	6.47	6.06	4.08	2.058	1.388	18
19	0.3868	0 B	OB	---	---	---	---	6.37	6.03	4.08	2.038	1.388	19
20	0.3508	0 B	OB	---	---	7.92A	---	6.98	7.06	4.01	2.018	1.328	20
21	0.3328	0 B	OB	---	---	7.68	---	6.86	6.06	3.82	2.008	1.318	21
22	0.3148	0 B	OB	---	---	7.84	---	6.33	6.26	3.77	1.968	1.298	22
23	0.2988	0 B	OB	---	---	7.81	---	6.61	6.06	3.73	1.888	1.278	23
24	0.2768	0 B	OB	---	---	7.78A	---	6.80	6.06	3.76	1.848	1.288	24
25	0.2608	0 B	OB	---	---	---	---	6.62	6.93	3.88	1.828	1.238	25
26	0.2248	0 B	OB	---	---	---	---	6.85	6.86	3.86	1.808	1.218	26
27	0.1888	0 B	OB	---	---	---	---	7.07	6.62	3.82	1.868	1.198	27
28	0.1628	0 B	OB	---	---	---	---	7.20	6.70	3.89	1.888	1.188	28
29	0.1188		OB	---	---	---	---	7.22	6.76	3.86	1.888	1.178	29
30	0.0808		OB	---	---	---	---	7.08	6.88	3.48	1.848	1.188	30
31	0.0468		OB		---		---	6.88		3.38		1.158	31
TOTAL	13.340	0.057	0	---	---	---	---	---	188.24	137.44	73.00	48.18	TOTAL
MEAN	0.430	0.002	0	---	---	---	---	---	6.27	4.43	2.43	1.46	MEAN
MAX	0.828	0.028	0	---	---	---	---	---	7.08	6.02	3.84	1.82	MAX
MIN	0.048	0	0	---	---	---	---	---	5.68	3.38	1.84	1.18	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0B ON FEB 16

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 33 50 N
LONG 137 31 57 W
DRAINAGE AREA, 1 350 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 150	JUL	---
FEB	4.03	AUG	---
MAR	0	SEP	16 300
APR	---	OCT	11 900
MAY	---	NOV	8 310
JUN	---	DEC	3 800

SIDNEY CREEK AT KILOMETRE 48 SOUTH CANOL ROAD - STATION NO. 09AD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.078	1.18 B	0.8808	0.7708	10.0 B	12.4	4.00	2.42	1.88	2.18	1.838	1.448	1
2	1.038	1.16 B	0.8808	0.7808	13.8	9.82	3.88	2.28	1.88	2.18	1.818	1.448	2
3	1.018	1.12 B	0.8408	0.7808	17.1	8.86	3.34	2.18	1.88	2.84	1.808	1.448	3
4	1.888	1.08 B	0.8308	0.7808	19.8	13.1	3.18	2.13	2.48	3.27	1.888	1.438	4
5	1.858	1.06 B	0.8208	0.7808	21.3	13.3	2.94	2.14	2.88	3.78	1.878	1.438	5
6	1.788	1.01 B	0.8108	0.7808	18.7	11.2	2.83	2.88	3.38	3.87	1.838	1.438	6
7	1.748	0.9808	0.8008	0.7808	16.1	10.4	3.18	4.27	2.18	2.83	1.788	1.428	7
8	1.888	0.9808	0.7908	0.7708	16.7	8.78	2.81	3.63	2.07	2.78	1.738	1.408	8
9	1.838	0.9508	0.7808	0.7708	16.2	7.88	2.68	3.88	1.98	2.88	1.888	1.398	9
10	1.888	0.9408	0.7908	0.7808	13.4	7.80	3.43	3.20	1.88	2.87	1.838	1.388	10
11	1.868	0.9308	0.7908	0.7808	10.8	7.18	3.81	2.83	1.82	2.83	1.888	1.388	11
12	1.848	0.9208	0.7908	0.7808	8.98	6.98	3.21	2.88	1.88	2.80	1.848	1.388	12
13	1.828	0.9108	0.7908	0.8008	7.24	6.88	2.88	2.44	1.87	2.27	1.828	1.388	13
14	1.818	0.9008	0.7808	0.8108	6.67	7.81	2.83	2.38	2.28	2.08	1.818	1.388	14
15	1.808	0.8808	0.8008	0.8308	7.14	8.82	2.48	2.33	2.88	2.04	1.818	1.408	15
16	1.508	0.8708	0.8108	0.8608	7.37	8.78	2.40	2.13	2.33	2.11	1.808	1.388	16
17	1.488	0.8508	0.8208	0.8708	8.82	8.81	2.38	2.08	2.10	2.088	1.808	1.388	17
18	1.488	0.8408	0.8208	0.8008	8.24	8.48	2.22	2.02	2.01	2.088	1.808	1.388	18
19	1.488	0.8408	0.8208	0.8308	8.10	8.38	2.18	1.88	1.88	2.088	1.808	1.328	19
20	1.448	0.8408	0.8308	0.8708	8.32	8.16	2.17	1.88	2.08	2.088	1.808	1.308	20
21	1.428	0.8408	0.8308	1.00 B	8.44	4.88	2.44	2.23	2.27	2.078	1.488	1.288	21
22	1.388	0.8388	0.8308	1.08 B	9.80	4.80	2.83	2.44	3.02	2.038	1.488	1.288	22
23	1.368	0.8408	0.8308	1.10 B	10.4	4.40	4.81	2.40	3.00	2.008	1.488	1.288	23
24	1.328	0.8408	0.8308	1.22 B	10.1	4.35	3.88	2.38	2.81	1.898	1.808	1.288	24
25	1.388	0.8508	0.8208	1.40 B	9.03	4.30	3.12	2.28	2.44	1.878	1.488	1.288	25
26	1.288	0.8508	0.8208	1.70 B	8.28	4.12	2.80	2.13	2.23	1.878	1.488	1.288	26
27	1.288	0.8508	0.8108	2.00 B	9.88	4.00	2.88	2.03	2.48	1.878	1.488	1.288	27
28	1.248	0.8508	0.8008	2.80 B	12.8	3.72	2.88	1.88	2.38	1.888	1.488	1.278	28
29	1.218		0.7908	3.70 B	14.6	4.00	2.48	1.88	2.34	1.858	1.448	1.268	28
30	1.208		0.7808	5.00 B	15.8	4.18	2.38	1.82	2.28	1.838	1.448	1.248	30
31	1.188		0.7708		15.7		2.38	1.80		1.838		1.228	31
TOTAL	47.14	25.868	25.180	37.280	358.74	213.61	90.82	74.80	67.53	70.30	48.01	41.82	TOTAL
MEAN	1.52	0.927	0.811	1.24	11.5	7.12	2.82	2.40	2.25	2.27	1.80	1.35	MEAN
MAX	1.87	1.18	0.880	5.00	21.3	13.3	4.81	4.27	3.02	3.27	1.82	1.44	MAX
MIN	1.18	0.838	0.770	0.780	8.10	3.72	2.18	1.80	1.87	1.83	1.44	1.32	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.01
MAXIMUM DAILY, 21.3 ON MAY 5
MINIMUM DAILY, 0.7808 ON APR 2
MAXIMUM INSTANTANEOUS,
36.8 AT 08:44 YST ON MAY 6

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 47 05 N
LONG 133 03 15 W
DRAINAGE AREA, 372 km²
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 070	JUL	7 830
FEB	2 240	AUG	6 440
MAR	3 170	SEP	5 830
APR	3 230	OCT	6 070
MAY	30 800	NOV	4 180
JUN	18 800	DEC	3 630

TOTAL DISCHARGE, 94 900 dam³

YUKON TERRITORY

SNAG CREEK AT KM 1949.6 ALASKA HIGHWAY - STATION NO. 09CB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.03E	5.23E	5.00E	4.61E	10.8 E	8.23	8.02	7.84	7.60	6.83	6.38E	6.58E	1
2	5.02E	5.23E	4.98E	4.55E	10.4 A	8.17	8.02	7.78	7.42	6.68	6.31E	6.59E	2
3	5.01E	5.23E	4.93E	4.58E	9.98	8.04	8.88	8.00	7.32	6.54	6.27E	6.60E	3
4	5.00E	5.27E	4.87E	4.61E	9.05	8.03	8.13	11.8	7.46	6.86	6.22E	6.58E	4
5	5.87E	5.30E	4.81E	4.68E	7.34	8.89	8.88	88.8 E	7.47	6.80	6.20E	6.48E	5
6	5.88E	5.31E	4.78E	4.70E	8.87	8.76	8.83	38.8 E	7.14	6.80	6.18E	6.42E	6
7	5.84E	5.31E	4.75E	4.72E	8.48	8.85	8.75	21.1 E	7.24	6.75	6.10E	6.40E	7
8	5.82E	5.35E	4.71E	4.78E	8.37	8.78	8.70	18.5	7.54	6.70	6.01E	6.38E	8
9	5.81E	5.37E	4.88E	4.78E	8.46	8.85	8.88	13.8	7.84	6.77	6.00E	6.38E	9
10	5.81E	5.38E	4.81E	4.81E	8.37	8.78	8.88	11.1	8.00	6.80	6.81E	6.40E	10
11	5.81E	5.38E	4.81E	4.80E	8.37	8.86	8.88	10.5	7.88	6.83	6.71E	6.41E	11
12	5.81E	5.38E	4.81E	4.88E	8.37	8.88	8.80	8.61	7.37	6.85	6.81E	6.46E	12
13	5.80E	5.38E	4.81E	5.00E	8.38	8.80	8.84	8.77	7.08	6.81E	6.88E	6.48E	13
14	5.80E	5.38E	4.81E	5.00E	8.28	8.84	8.80	8.18	6.87	6.80E	6.67E	6.46E	14
15	5.80E	5.38E	4.81E	5.02E	8.31	7.88	8.28	8.81	6.88	6.73E	6.82E	6.46E	15
16	5.78E	5.38E	4.81E	5.07E	8.74	7.80	7.84	8.42	8.83	6.78E	6.71E	6.44E	16
17	5.78E	5.38E	4.81E	5.10E	7.82	8.82	7.84	8.41	8.79	6.78E	6.80E	6.40E	17
18	5.78E	5.38E	4.81E	5.22E	8.01	8.33	7.67	8.24	8.73	6.80E	6.88E	6.38E	18
19	5.78E	5.38E	4.81E	5.34E	11.8	8.86	7.78A	8.88	8.78	6.81E	6.83E	6.20E	19
20	5.78E	5.38E	4.81E	5.40E	27.8 E	8.00	7.88E	8.88	8.78	6.80E	6.81E	6.20E	20
21	5.78E	5.30E	4.80E	5.80E	31.7 E	8.81	8.80E	14.4	8.87	6.72E	6.88E	6.18E	21
22	5.74E	5.28E	4.80E	5.81E	23.7 E	8.88	10.0 E	14.8	8.74	6.70E	6.84E	6.18E	22
23	5.70E	5.22E	4.80E	5.75E	14.8	8.71	8.41E	12.3	8.72	6.48E	6.78E	6.18E	23
24	5.88E	5.18E	4.80E	5.80E	9.95	8.73	7.78E	10.3	8.84	6.40E	6.72E	6.20E	24
25	5.81E	5.18E	4.88E	8.04E	8.13	8.78	7.44A	9.18	8.82	6.40E	6.84E	6.20E	25
26	5.88E	5.11E	4.81E	8.38E	7.10	8.78	7.31	8.00	8.83	6.30E	6.88E	6.21E	26
27	5.85E	5.06E	4.47E	8.80E	8.88	8.31	7.81	8.77	8.87	6.35E	6.87E	6.20E	27
28	5.47E	5.02E	4.45E	8.06E	8.36	8.84	7.30	8.32	8.84	6.32E	6.87E	6.20E	28
29	5.30E		4.45E	8.82E	8.32	8.36	7.33	8.03	8.89	6.31E	6.88E	6.20E	29
30	5.31E		4.48E	10.7 E	8.33	8.00	7.47	8.00	8.88	6.27E	6.86E	6.20E	30
31	5.25E		4.47E		8.18		7.88	7.87		6.38E		6.19E	31
TOTAL	177.89	148.22	144.01	188.05	288.37	183.01	314.24	390.88	213.60	208.83	178.48	185.80	TOTAL
MEAN	5.73	5.29	4.85	5.80	8.62	8.10	8.81	12.8	7.11	6.84	5.85	5.35	MEAN
MAX	5.83	5.38	5.00	10.7	31.7	7.88	10.0	88.8	8.00	6.84	6.38	6.60	MAX
MIN	5.25	5.02	4.45	4.61	8.18	8.88	7.84	7.84	6.87	6.31	6.88	6.18	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.81
MAXIMUM DAILY, 88.8E ON AUG 8
MINIMUM DAILY, 4.45B ON MAR 28
MAXIMUM INSTANTANEOUS,
73.8E AT 18:08 YST ON AUG 8

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 26 40 N
LONG 140 52 10 W
DRAINAGE AREA, 878 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	15 300	JUL	19 500
FEB	12 800	AUG	33 600
MAR	13 400	SEP	18 400
APR	14 500	OCT	17 800
MAY	25 800	NOV	15 200
JUN	18 800	DEC	14 300

TOTAL DISCHARGE, 215 000 dam³

SOUTH BIG SALMON RIVER BELOW LIVINGSTONE CREEK - STATION NO. 09AB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.03 B	0.870B	0.810B	0.338B	6.84A	6.85	5.72	3.84	2.43	2.43	1.02 B	0.580B	1
2	1.02 B	0.850B	0.800B	0.330B	8.28	7.85	5.16	3.31	2.41	2.42	1.01 B	0.585B	2
3	1.01 B	0.830B	0.490B	0.330B	7.87	10.3	4.83	3.18	2.44	2.78	1.00 B	0.580B	3
4	1.00 B	0.810B	0.480B	0.328B	8.78	18.8	4.85	3.15	2.80	2.80	0.980B	0.580B	4
5	0.980B	0.800B	0.470B	0.330B	8.72	18.8	4.78	3.20	2.87	2.48	0.930B	0.630B	5
6	0.960B	0.800B	0.480B	0.340B	8.27	18.1	4.82	3.12	2.83	2.38	0.880B	0.510B	6
7	0.940B	0.800B	0.450B	0.348B	8.30	12.4	8.88	3.27	2.82	2.88	0.880B	0.480B	7
8	0.870B	0.805B	0.430B	0.380B	8.44	8.84	4.88	3.38	2.47	2.86	0.830B	0.460B	8
9	0.880B	0.810B	0.420B	0.380B	8.87	8.22	8.82	3.81	2.48	2.82	0.780B	0.455B	9
10	0.890B	0.820B	0.420B	0.370B	8.38	8.18	8.88	3.36	2.41	2.38	0.740B	0.480B	10
11	0.882B	0.820B	0.410B	0.380B	4.48	8.88	8.84	3.14	2.38	2.38	0.710B	0.480B	11
12	0.870B	0.840B	0.408B	0.420B	3.78	8.18	8.12	3.05	2.36	2.27	0.880B	0.485B	12
13	0.860B	0.845B	0.400B	0.440B	3.42	8.88	8.05	2.98	2.38	1.31	0.878B	0.470B	13
14	0.838B	0.845B	0.388B	0.470B	3.25	8.32	8.38	2.92	2.74	1.388	0.880B	0.480B	14
15	0.820B	0.840B	0.380B	0.480B	3.28	12.7	4.82	2.92	2.87	1.238	0.885B	0.440B	15
16	0.800B	0.830B	0.380B	0.620B	3.27	11.8	4.85	2.87	2.83	1.218	0.700B	0.425B	16
17	0.880B	0.800B	0.380B	0.580B	3.27	7.72	4.24	2.82	2.83	1.208	0.700B	0.405B	17
18	0.880B	0.800B	0.380B	0.600B	3.48	6.73	3.88	2.78	2.80	1.208	0.885B	0.385B	18
19	0.840B	0.840B	0.380B	0.620B	3.48	6.31	3.72	2.73	2.43	1.208	0.700B	0.380B	19
20	0.820B	0.880B	0.385B	0.780B	3.47	6.88	3.81	2.77	2.38	1.208	0.880B	0.380B	20
21	0.780B	0.880B	0.385B	0.800B	4.78	8.48	3.88	3.08	2.83	1.188	0.880B	0.380B	21
22	0.740B	0.840B	0.380B	1.10 B	8.18	8.08	4.32	2.87	2.83	1.188	0.880B	0.378B	22
23	0.710B	0.870B	0.395B	1.30 B	8.71	8.18	4.78	2.88	2.70	1.138	0.700B	0.380B	23
24	0.718B	0.880B	0.400B	1.70 B	8.80	8.34	4.87	2.78	2.82	1.108	0.880B	0.385B	24
25	0.720B	0.880B	0.388B	2.00 B	8.18	8.88	3.78	2.71	2.44	1.088	0.870B	0.390B	25
26	0.725B	0.840B	0.380B	2.80 E	8.17	8.83	3.84	2.84	2.80	1.028	0.880B	0.380B	26
27	0.725B	0.830B	0.380B	3.20 E	7.87	8.81	3.83	2.88	2.71	1.008	0.838B	0.378B	27
28	0.725B	0.820B	0.370B	4.00 E	10.2	8.36	3.37	2.81	2.81	1.018	0.814B	0.358B	28
29	0.710B		0.380B	4.80 E	13.3	8.23	3.24	2.48	2.81	1.028	0.800B	0.340B	29
30	0.700B		0.357B	5.80 E	18.0	8.80	3.31	2.46	2.80	1.028	0.880B	0.328B	30
31	0.690B		0.345B		14.5		3.47	2.45		1.038		0.310B	31
TOTAL	28.817	19.815	12.747	35.848	300.87	298.80	139.02	91.48	78.28	51.81	23.484	13.378	TOTAL
MEAN	0.888	0.801	0.411	1.20	8.47	8.88	4.48	2.95	2.84	1.88	0.750	0.421	MEAN
MAX	1.03	0.870	0.810	5.80	18.0	18.1	8.18	3.81	2.83	2.78	1.02	0.585	MAX
MIN	0.690	0.620	0.345	0.328	3.25	6.38	3.21	2.45	2.38	1.00	0.880	0.310	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.81
MAXIMUM DAILY, 18.1 ON JUN 6
MINIMUM DAILY, 0.310B ON DEC 31
MAXIMUM INSTANTANEOUS,
21.7 AT 06:18 YST ON JUN 8

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 23 10 N
LONG 134 32 18 W
DRAINAGE AREA, 815 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 230	JUL	12 000
FEB	1 450	AUG	7 800
MAR	1 100	SEP	6 800
APR	3 110	OCT	4 450
MAY	17 300	NOV	1 840
JUN	23 000	DEC	1 180

TOTAL DISCHARGE, 82 300 dam³

YUKON TERRITORY

SOUTH MACMILLAN RIVER AT KILOMETRE 487 CANOL ROAD - STATION NO. 09EB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.18B	3.41B	1.98B	1.80B	12.0B	83.6	32.8	21.6	12.3	9.62	5.78B	3.48B	1
2	6.18B	3.37B	1.98B	1.80B	17.0B	77.4	27.6	22.0	11.8	9.46	5.88B	3.48B	2
3	6.08B	3.33B	1.98B	1.80B	22.0B	88.4	24.3	22.7	10.8	10.0	5.88B	3.40B	3
4	6.02B	3.30B	1.98B	1.80B	26.5B	88.8	30.2	21.3	10.8	10.6	5.88B	3.40B	4
5	3.98B	3.27B	1.98B	1.80B	27.5E	102	28.7	19.8	11.7	9.82	5.40B	3.36B	5
6	3.80B	3.22B	1.94B	1.80B	28.0E	101	30.2	18.6	11.7	9.37	5.28B	3.30B	6
7	3.60B	3.20B	1.92B	1.78B	30.5E	89.8	29.0	19.5	11.6	9.89	5.10B	3.25B	7
8	3.76B	3.20B	1.91B	1.76B	34.0E	78.4	32.0	20.7	10.8	10.7	5.00B	3.18B	8
9	3.70B	3.19B	1.90B	1.77B	35.5E	87.7	33.6	20.3	10.1	10.6	4.80B	3.10B	9
10	3.63B	3.19B	1.89B	1.77B	36.2E	70.0	36.1	18.7	10.2	9.83	4.80B	3.08B	10
11	3.58B	3.18B	1.88B	1.77B	34.5E	71.9	37.2	18.1	11.2	9.51	4.40B	3.00B	11
12	3.52B	3.17B	1.88B	1.76B	30.0E	76.1	49.3	19.2	11.8	9.53	4.28B	2.98B	12
13	3.48B	3.15B	1.83B	1.75B	23.2E	76.8	41.2	20.5	12.6	9.34	4.18B	2.90B	13
14	3.43B	3.13B	1.81B	1.70B	21.0E	88.7	37.8	20.5	13.6	8.98B	4.08B	2.80B	14
15	3.38B	3.11B	1.80B	1.80B	27.5E	132	35.9	20.0	12.8	7.98B	4.09B	2.80B	15
16	3.32B	3.10B	1.80B	1.81B	35.3A	79.7	34.3	17.8	11.8	7.60B	3.98B	2.80B	16
17	3.26B	3.08B	1.80B	1.82B	31.0	66.4	30.0	18.4	10.3	7.70B	3.88B	2.80B	17
18	3.18B	3.07B	1.81B	1.84B	30.3	47.7	28.2	18.7	9.39	7.60B	3.80B	2.80B	18
19	3.07B	3.06B	1.83B	1.87B	28.6	44.7	25.7	18.7	8.62	7.80B	3.80B	2.80B	19
20	3.00B	3.02B	1.84B	1.90B	32.4	43.8	27.1	18.1	7.88	7.40B	3.80B	2.85B	20
21	2.98B	3.00B	1.85B	1.95B	38.6	42.2	28.6	15.8	7.21	7.30B	3.80B	2.80B	21
22	2.86B	3.00B	1.85B	2.00B	36.6	46.6	26.1	16.6	8.27	7.10B	3.88B	2.78B	22
23	2.82B	1.99B	1.85B	2.06B	42.6	48.1	27.0	15.9	10.1	6.88B	3.88B	2.70B	23
24	2.78B	1.98B	1.85B	2.18B	46.0	49.1	28.6	15.3	10.4	6.60B	3.80B	2.70B	24
25	2.74B	1.98B	1.86B	2.28B	50.9	53.6	26.8	14.8	10.1	6.80B	3.78B	2.70B	25
26	2.70B	1.98B	1.88B	2.40B	51.0	46.4	24.1	14.2	10.7	6.46B	3.88B	2.70B	26
27	2.68B	1.98B	1.88B	2.58B	46.1	44.1	23.7	14.0	14.0	6.20B	3.80B	2.70B	27
28	2.61B	1.98B	1.88B	2.80B	46.3	40.7	21.8	14.3	14.1	6.08B	3.68B	2.70B	28
29	2.58B		1.88B	3.38B	57.1	37.1	20.7	14.4	12.8	5.88B	3.80B	2.70B	29
30	2.60B		1.83B	7.00B	78.4	33.8	20.1	14.0	11.1	5.80B	3.80B	2.70B	30
31	2.47B		1.81B		89.3		20.8	13.2		5.80B		2.70B	31
TOTAL	102.03	91.87	58.00	64.67	1 181.4	1 993.0	935.1	550.7	329.95	248.02	130.08	91.85	TOTAL
MEAN	3.29	3.13	1.87	2.15	37.5	66.4	30.2	17.8	11.0	8.05	4.34	2.98	MEAN
MAX	6.18	3.41	1.98	7.00	89.3	132	49.3	22.7	14.1	10.7	5.78	3.48	MAX
MIN	2.47	1.98	1.80	1.77	12.0	33.8	20.1	13.2	7.21	5.80	3.80	2.70	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 15.7
MAXIMUM DAILY, 132 ON JUN 15
MINIMUM DAILY, 1.77B ON APR 9
MAXIMUM INSTANTANEOUS,
139 AT 11:37 YST ON JUN 15

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 55 30 N
LONG 130 32 30 W
DRAINAGE AREA, 807 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 520	JUL	80 690
FEB	5 180	AUG	47 880
MAR	5 010	SEP	28 000
APR	5 590	OCT	21 000
MAY	100 000	NOV	11 200
JUN	172 000	DEC	7 940

TOTAL DISCHARGE, 494 000 dam³

STEWART RIVER ABOVE FRASER FALLS - STATION NO. 09DE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR		MAY	JUN	JUL	AUG	SEP	OCT		NOV		DEC	DAY
1	77.0B	59.1B	43.0B	38.2B		865	1 410	880	278	186	187		94.0B		81.0B	1
2	76.0B	58.7B	43.4B	38.0B		887	1 880	884	280	184	188		98.0B		81.0B	2
3	75.0B	58.0B	42.6B	38.0B		871	1 480	808	278	180	184		94.0B		81.0B	3
4	75.0B	57.2B	41.8B	38.0B		886	1 290	870	280	187	181		93.0B		81.0B	4
5	74.8B	56.8B	41.0B	38.1B		903	1 190	828	280	184	182		91.0B		81.0B	5
6	74.0B	56.9B	40.4B	38.0B	1	050	1 390	884	278	180	180		88.0B		80.0B	6
7	74.0B	56.0B	40.0B	38.0B	1	110	1 700	830	273	178	178		88.0B		80.0B	7
8	74.5B	56.0B	39.5B	38.0B	1	180	1 830	814	267	178	172		92.0B		80.0B	8
9	75.0B	56.0B	38.2B	34.8B	1	230	1 680	488	263	180	172		78.0B		88.0B	9
10	75.5B	56.0B	38.0B	34.8B	1	310	1 730	482	266	178	178		78.0B		87.0B	10
11	75.5B	56.0B	38.0B	36.0B	1	380	1 480	472	262	174	178		73.0B		87.0B	11
12	76.5B	56.0B	38.0B	36.1B	1	210	1 310	470	246	170	168		71.0B		86.0B	12
13	75.5B	55.0B	38.0B	36.5B	1	070	1 230	488	238	172	148		88.0B		86.0B	13
14	76.0B	54.0B	38.0B	36.0B		930	1 170	478	237	181	140	E	86.0B		86.0B	14
15	74.5B	54.0B	38.0B	36.0B		820	1 170	488	238	184	120	E	87.0B		86.0B	15
16	74.0B	53.8B	38.0B	36.0B		862	1 280	480	244	195	109	E	86.0B		86.0B	16
17	73.0B	53.0B	37.6B	38.0B		888	1 480	442	244	185	108	E	86.0B		86.0B	17
18	71.5B	52.0B	37.0B	41.0B	1	080	1 180	426	234	180	107	E	84.0B		85.0B	18
19	71.0B	51.0B	36.5B	43.2B	1	010	978	400	223	180	108	E	84.0B		84.2B	19
20	69.0B	50.0B	36.0B	46.2B		921	878	374	216	172	103	E	83.0B		84.0B	20
21	67.5B	48.0B	35.4B	52.0B		878	818	357	217	188	97.0B		83.0B		83.0B	21
22	66.0B	46.0B	35.3B	56.0B		877	788	369	217	180	91.0B		82.0B		82.0B	22
23	64.0B	47.2B	35.0B	67.0B		868	733	369	217	189	86.0B		81.0B		81.0B	23
24	62.5B	46.5B	34.0B	80.0B		911	713	378	220	195	82.0B		81.0B		81.0B	24
25	61.5B	45.0B	34.8B	92.0B		972	698	383	216	177	81.0B		80.0B		80.0B	25
26	61.0B	45.0B	34.8B	120	B	1 040	882	348	213	181	80.0B		80.0B		80.0B	26
27	60.2B	44.2B	34.8B	160	B	1 080	886	338	208	181	81.0B		80.0B		80.0B	27
28	60.0B	44.0B	34.8B	180	B	930	887	327	204	184	82.0B		80.0B		80.0B	28
29	59.5B		34.8B	260	B	828	838	312	201	188	85.0B		80.0B		80.0B	29
30	59.7B		34.8B	400	B	887	818	301	200	203	85.0B		80.0B		48.0B	30
31	59.5B		36.0B			1 160		291	198		83.0B				49.0B	31
TOTAL	2 187.3	1 488.1	1 175.2	2 226.9		31 080	34 848	13 783	7 438	5 438	4 035.0		2 188.0		1 708.3	TOTAL
MEAN	68.8	52.4	37.9	74.3	1	000	1 180	448	240	181	130		71.8		55.1	MEAN
MAX	77.0	59.1	43.4	400	1	380	1 880	978	280	203	187		98.0		81.0	MAX
MIN	59.5	44.0	34.8	34.8		868	818	291	198	188	80.0		80.0		48.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 284
MAXIMUM DAILY, 1 880 ON JUN 8
MINIMUM DAILY, 34.8B ON MAR 25
MAXIMUM INSTANTANEOUS,
1 900 AT 14:28 YST ON JUN 8

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 29 17 N
LONG 136 06 06 W
DRAINAGE AREA, 30 800 km²
B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	187 000	JUL	1 190 000
FEB	127 000	AUG	842 000
MAR	102 000	SEP	470 000
APR	193 000	OCT	348 000
MAY	2 800 000	NOV	188 000
JUN	2 880 000	DEC	148 000

TOTAL DISCHARGE, 9 270 000 dam³

STEWART RIVER AT THE MOUTH - STATION NO. 09DD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1969

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	117 B	85.30	68.50	67.30	410E	1 200	895	366	247	245	128 B	94.00	1
2	115 B	84.50	69.10	67.00	550E	1 300	762	359	248	255	130 B	93.00	2
3	114 B	83.90	68.70	67.00	700E	1 550	748	345	244	255	131 B	92.00	3
4	113 B	83.20	68.30	66.30	860E	1 610	713	349	243	245	132 B	91.00	4
5	111 B	82.50	68.00	66.50	1 000E	1 520	737	346	238	237	133 B	90.00	5
6	110 B	81.80	67.90	66.50	1 130E	1 280	800	348	236	232	131 B	89.20	6
7	109 B	81.10	67.80	66.30	1 220E	1 350	771	340	232	231	129 B	88.50	7
8	108 B	80.40	67.70	68.70	1 350E	1 610	707	340	228	228	128 B	87.80	8
9	107 B	79.70	67.60	70.10	1 440E	1 640	654	338	224	223	127 B	87.10	9
10	105 B	79.00	67.50	70.60	1 550E	1 820	640	330	224	219	125 B	86.50	10
11	104 B	78.40	67.30	71.20	1 780A	1 850	615	327	223	215	122 B	85.70	11
12	103 B	77.80	67.10	71.80	1 780	1 600	588	319	224	213	120 B	84.90	12
13	102 B	77.20	66.90	72.60	1 750	1 570	575	313	224	200 B	118 B	84.10	13
14	101 B	76.60	66.70	73.30	1 650	1 440	562	303	223	175 B	116 B	83.20	14
15	100 B	76.00	66.55	74.00	1 600	1 410	569	305	227	150 B	115 B	82.50	15
16	99.00	75.50	66.40	74.60	1 300	1 340	576	300	235	148 B	114 B	81.90	16
17	98.00	75.10	66.30	75.50	1 230	1 360	566	291	244	140 B	113 B	81.30	17
18	97.00	74.70	66.20	76.60	1 220	1 550	543	304	251	128 B	111 B	80.70	18
19	96.00	74.20	66.10	78.00	1 210	1 520	533	297	250	110 B	109 B	80.10	19
20	95.00	73.85	66.00	80.00	1 220	1 310	512	292	245	97.00	108 B	79.50	20
21	94.30	73.30	65.80	82.50	1 260	1 180	478	283	243	87.50	107 B	74.40	21
22	93.40	72.60	65.60	85.50	1 170	1 050	455	276	235	83.00	105 B	76.10	22
23	92.60	72.10	65.50	88.00	1 120	993	444	271	226	81.00	103 B	77.40	23
24	91.80	71.50	65.60	93.00	1 110	942	432	272	217	80.00	102 B	76.70	24
25	91.00	71.00	65.80	98.00	1 120	902	438	273	211	79.00	100 B	76.00	25
26	90.00	70.70	66.40	144 B	1 120	868	434	273	214	79.00	99.00	75.50	26
27	89.30	70.40	66.50	186 B	1 160	850	425	272	226	82.00	98.00	75.00	27
28	88.50	70.00	66.70	232 B	1 210	683	418	266	239	98.00	97.00	74.50	28
29	87.80		66.80	276 B	1 200	673	404	262	241	111 B	96.00	74.00	29
30	87.00		66.90	320 B	1 140	637	385	255	240	120 B	95.00	73.50	30
31	86.00		67.00		1 110		381	250		124 B		73.00	31
TOTAL	3 085.6	2 152.6	2 076.0	3 044.5	37 800	40 047	17 702	9 427	7 008	4 871.2	3 448.0	2 555.6	TOTAL
MEAN	99.5	76.9	67.0	101	1 210	1 230	571	304	234	159	115	82.4	MEAN
MAX	117	85.3	69.1	320	1 780	1 850	895	366	251	255	133	94.0	MAX
MIN	86.0	70.0	65.5	67.3	410	637	381	250	211	79.0	95.0	73.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 365
MAXIMUM DAILY, 1 850 ON JUN 11
MINIMUM DAILY, 65.50 ON MAR 23
MAXIMUM INSTANTANEOUS,
1 870 AT 05:25 YST ON JUN 11

SUMMARY FOR THE YEAR 1969

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 16 55 N
LONG 139 14 55 W
DRAINAGE AREA, 51 000 km^2
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	267 000	JUL	1 530 000
FEB	186 000	AUG	814 000
MAR	179 000	SEP	605 000
APR	263 000	OCT	421 000
MAY	3 266 000	NOV	298 000
JUN	3 460 000	DEC	221 000

TOTAL DISCHARGE, 11 500 000 dam^3

STEWART RIVER NEAR MAYO - STATION NO. 09DC005

DAILY WATER LEVEL IN METRES FOR 1969

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	6.255	5.080A	3.906	3.418	---	---	---	1
2	---	---	---	---	---	6.637	---	---	---	---	---	---	2
3	---	---	---	---	5.065A	6.688	---	---	---	---	---	---	3
4	---	---	---	---	5.833	6.470	---	---	---	---	---	---	4
5	---	---	---	---	5.787	6.208	5.060A	---	---	---	---	---	5
6	---	---	---	---	5.854	6.287	4.853	---	---	---	---	---	6
7	---	---	---	---	5.918	6.731	4.612	---	---	---	---	---	7
8	---	---	---	---	6.100	7.077	4.763	---	---	---	---	---	8
9	---	---	---	---	6.183	7.220	4.887	---	---	---	---	---	9
10	---	---	---	---	6.369	7.210	4.831	---	---	---	---	---	10
11	---	---	---	---	6.444	6.878	4.876	---	---	---	---	---	11
12	---	---	---	---	6.381	6.542	4.556	---	3.276A	---	---	---	12
13	---	---	---	---	6.073	6.286	4.561	---	---	---	---	---	13
14	---	---	---	---	5.833	6.356	4.570	---	---	---	---	---	14
15	---	---	---	---	5.573	6.174	4.564	---	---	---	---	---	15
16	---	---	---	---	5.432	6.259	4.501	---	---	---	---	---	16
17	---	---	---	---	5.608	6.055	4.486	---	---	---	---	---	17
18	---	---	---	---	5.637	6.429	4.441	---	---	---	---	---	18
19	---	---	---	3.320A	5.841	6.003	4.348	---	---	---	---	---	19
20	---	---	---	3.333	5.715	5.835	4.283	---	---	---	---	---	20
21	---	---	---	3.308	5.576	5.884	4.218	---	---	---	---	---	21
22	---	---	---	3.292A	5.520	5.654	4.186	---	---	---	3.193A	---	22
23	---	---	---	---	5.544	5.436	4.163	---	---	---	---	---	23
24	---	---	---	---	5.566	5.352	4.200	---	---	---	---	---	24
25	---	---	---	---	5.660	5.324	4.178	---	---	---	---	---	25
26	---	---	---	---	5.774	5.255	4.133	---	---	---	---	---	26
27	---	---	---	---	5.850	5.284	4.088	---	---	---	---	---	27
28	---	---	---	---	5.810	5.256	4.060	---	---	---	---	---	28
29	---		---	---	5.878	5.176	4.028	3.448A	---	---	---	---	29
30	---		---	---	5.884	5.123	3.978	3.430	---	---	---	---	30
31	---		---		5.874		3.963	3.420		---		---	31
MEAN	---	---	---	---	---	6.133	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	7.220	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	5.123	---	---	---	---	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 7.220 ON JUN 9

MAXIMUM INSTANTANEOUS,
7.283 AT 02:59 YST ON JUN 10

SUMMARY FOR THE YEAR 1969

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 35 30 N
LONG 135 52 45 W

A - MANUAL GAUGE

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 479.472 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

TAKHANNE RIVER AT KM 187 ALASKA HIGHWAY - STATION NO. 09AC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.20 B	0.9988	0.9618	0.9678	8.88	10.8	12.4	8.00	3.88	4.84	2.008	1.828	1
2	1.20 B	0.9388	0.9388	0.9628	11.3	12.8	20.8	4.78	3.47	4.88	2.008	1.838	2
3	1.20 B	0.9288	0.9388	0.9838	12.8	10.4	14.8	8.01	3.58	5.88	2.008	1.848	3
4	1.20 B	0.9278	0.9848	0.9118	18.7	38.8	11.8	8.78	4.28	8.13	2.008	1.838	4
5	1.20 B	0.9388	0.9748	0.9238	18.1	18.8	11.8	8.18	4.34	4.83	2.888	1.828	5
6	1.21 B	0.9488	0.9888	0.9388	18.1	12.8	10.7	8.88	4.82	4.78	2.788	1.818	6
7	1.20 B	0.9488	0.9418	0.9478	13.8	11.7	11.2	8.21	3.84	8.87	2.888	1.808	7
8	1.20 B	0.9488	0.9388	0.9388	11.8	11.2	10.7	8.48	3.88	8.88	2.538	1.488	8
9	1.20 B	0.9418	0.9888	0.9818	12.1	12.4	13.8	8.78	3.84	8.87	2.388	1.478	9
10	1.18 B	0.9858	0.9858	1.00 B	18.8	8.88	12.8	8.14	3.83	4.84	2.108	1.478	10
11	1.18 B	0.9838	0.9818	1.02 B	8.78	10.8	11.8	4.78	3.48	4.78	1.888	1.478	11
12	1.18 B	0.9718	0.9828	1.08 B	7.31	12.8	10.2	4.88	3.88	4.38	1.878	1.478	12
13	1.18 B	0.9788	0.9188	1.08 B	8.84	14.3	8.81	4.84	3.83	4.208	1.818	1.478	13
14	1.18 B	0.9888	0.9278	1.18 B	8.46	17.3	8.32	4.48	3.88	4.178	1.888	1.478	14
15	1.18 B	0.9418	0.9388	1.13 B	8.78	13.4	7.84	4.47	3.72	4.088	1.488	1.478	15
16	1.17 B	0.9388	0.9488	1.18 B	8.38	8.88	8.88	4.33	3.84	4.07	1.478	1.488	16
17	1.18 B	0.9388	0.9488	1.22 B	6.81	7.28	8.27	4.24	3.38	3.88	1.488	1.438	17
18	1.08 B	0.9188	0.9888	1.28 B	6.81	7.18	8.28	4.88	3.48	3.78	1.888	1.408	18
19	1.07 B	0.9188	0.9888	1.33	6.81	8.41	8.48	4.88	3.87	3.388	1.828	1.388	19
20	1.04 B	0.9188	0.8888	1.41	6.84	9.42	8.38	4.17	3.71	3.81	1.828	1.388	20
21	1.03 B	0.9178	0.8888	1.84	7.88	8.83	8.32	7.88	3.78	3.38	1.828	1.388	21
22	1.03 B	0.9288	0.8818	1.81	11.8	8.13	7.47	7.37	7.77	3.308	1.818	1.408	22
23	1.03 B	0.8838	0.8838	1.84	10.7	8.84	8.88	8.81	8.84	3.288	1.848	1.408	23
24	1.03 B	0.8888	0.8678	1.73	8.88	13.3	8.83	8.18	8.88	3.288	1.888	1.418	24
25	1.04 B	0.8888	0.8788	2.88	7.71	18.8	8.48	4.88	4.72	3.228	1.838	1.418	25
26	1.88 B	0.8888	0.8748	2.87	8.83	8.38	8.17	4.88	8.18	3.208	1.818	1.428	26
27	1.81 B	0.8888	0.8788	4.38	13.2	8.71	4.82	4.41	8.48	3.188	1.808	1.428	27
28	0.9788	0.8838	0.8888	8.38	18.8	8.83	4.74	4.88	8.81	3.148	1.808	1.428	28
29	0.9288		0.8788	8.78	27.2	18.8	4.71	3.84	4.84	3.178	1.808	1.418	29
30	0.9838		0.8888	8.88	34.3	18.8	4.88	3.82	4.88	3.128	1.808	1.408	30
31	0.9868		0.8818		38.8		8.11	3.74		3.188		1.388	31
TOTAL	34.787	28.871	28.488	58.881	388.11	371.81	288.88	188.82	128.88	128.87	87.88	44.87	TOTAL
MEAN	1.13	0.928	0.884	1.83	11.8	12.4	8.71	8.12	4.27	4.88	1.82	1.48	MEAN
MAX	1.38	0.978	0.981	8.88	34.3	38.8	28.8	8.21	7.77	8.87	3.88	1.84	MAX
MIN	0.988	0.883	0.788	0.187	6.81	7.18	4.71	3.74	3.38	3.18	1.47	1.38	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.88
MAXIMUM DAILY, 34.3 ON MAY 38
MINIMUM DAILY, 0.7888 ON MAR 8
MAXIMUM INSTANTANEOUS,
37.4 AT 21:41 YST ON MAY 38

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 85 58 N
LONG 136 88 88 W
DRAINAGE AREA, 388 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 888	JUL	23 388
FEB	3 248	AUG	13 788
MAR	3 288	SEP	11 188
APR	4 738	OCT	10 888
MAY	31 188	NOV	4 878
JUN	32 188	DEC	3 888

TOTAL DISCHARGE, 143 888 dam³

YAKHINI RIVER NEAR WHITEHORSE - STATION NO. 09AC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	20.88	14.88	14.78	12.38	38.88	87.8	138	178	143	81.8E	84.88	28.48	1
2	20.88	14.38	14.88	12.38	41.7	87.2	137	178	141	88.2E	84.88	28.28	2
3	20.88	14.38	14.38	12.18	48.8	88.8	148	174	138	88.8E	84.18	28.88	3
4	19.88	14.88	14.18	13.88	42.8	88.8	148	172	138	87.7E	83.78	28.88	4
5	18.88	14.78	14.88	11.88	44.1	74.8	181	173	134	88.8E	82.38	28.18	5
6	18.88	14.88	13.88	12.88	41.1	77.1	181	172	138	84.8E	48.78	28.88	6
7	18.87	14.88	13.78	13.18	38.8	78.7	181	175	139	83.8E	48.88	24.88	7
8	18.78	14.88	13.48	12.38	37.8	81.8	183	178	138	81.8E	42.88	24.18	8
9	18.88	14.88	13.38	13.88	38.4	88.3	188	174	138	78.8E	38.88	23.28	9
10	18.88	14.48	13.18	12.88	38.8	81.3	188	172	138	78.8E	34.38	23.38	10
11	18.38	14.48	13.88	12.78	37.3	83.8	183	188	138	78.8E	33.88	23.88	11
12	18.18	14.88	13.88	12.88	36.8	84.8	188	188	138	74.8E	31.88	23.78	12
13	17.88	14.88	13.88	13.88	36.8	86.8	174	188	137	78.18	38.88	23.88	13
14	17.88	14.88	13.88	13.88	38.8	88.8	174	188	137	78.18	38.88	23.88	14
15	17.38	14.88	13.88	13.38	34.3	183	181	188	138	88.38	28.88	23.88	15
16	17.88	14.88	13.18	13.38	33.1	113	182	182	121	83.88	38.88	22.88	16
17	16.88	14.88	13.18	13.48	33.8	111	181	182	118	83.88	38.88	22.88	17
18	16.88	14.88	13.38	13.38	31.1	188	181	183	117	83.88	28.38	38.88	18
19	16.88	14.88	13.38	14.88	31.8	188	183	118	83.88	28.28	19.88	19
20	15.48	14.88	13.48	14.38	38.1	188	187	188	114	82.38	38.18	19.38	20
21	15.38	14.48	13.88	14.88	38.8	188	187	188	111 E	81.88	28.88	19.18	21
22	15.88	14.88	13.88	15.88	38.7	188	184	181	118 E	88.78	28.18	18.88	22
23	14.88	14.88	13.48	15.88	31.1	188	182	183	187 E	88.88	28.18	18.18	23
24	15.38	14.88	13.48	15.88	31.1	188	188	182	184 E	88.28	28.88	18.88	24
25	15.38	14.88	13.38	17.18	38.4	118	187	188	182 E	88.78	27.78	18.88	25
26	15.18	14.88	13.88	18.18	38.1	111	183	187	181 E	87.88	27.38	38.88	26
27	14.88	14.88	12.88	28.88	38.8	113	188	188	84.8E	88.88	27.88	18.88	27
28	14.88	14.88	12.78	33.88	33.1	113	178	183	87.1E	83.88	26.88	18.88	28
29	14.38		12.78	35.88	38.8	118	178	181	88.8E	83.88	28.88	18.88	29
30	14.88		13.88	31.88	48.8	124	178	148	83.3E	83.88	28.88	18.28	30
31	14.88		13.88		88.2		177	148		83.88		18.88	31
TOTAL	536.3	413.8	413.4	484.3	1 181.2	3 881.8	5 382	5 888	3 877.2	2 148.1	1 883.8	884.8	TOTAL
MEAN	18.8	14.7	13.3	16.1	38.2	88.7	171	184	118	88.3	38.1	22.1	MEAN
MAX	38.8	18.8	14.7	31.8	88.2	134	187	178	143	81.8	84.1	28.4	MAX
MIN	14.8	14.8	12.8	11.8	38.8	87.8	128	148	83.3	83.8	28.8	18.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 84.8
MAXIMUM DAILY, 187 ON JUL 21
MINIMUM DAILY, 11.88 ON APR 8
MAXIMUM INSTANTANEOUS,
199 AT 13:38 YST ON JUL 21

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 81 88 N
LONG 136 44 31 W
DRAINAGE AREA, 6 888 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	48 488	JUL	488 888
FEB	38 788	AUG	448 888
MAR	38 788	SEP	388 888
APR	38 388	OCT	188 888
MAY	88 888	NOV	81 888
JUN	251 888	DEC	88 188

TOTAL DISCHARGE, 2 858 888 dam³

YUKON TERRITORY

TATSHENSHINI RIVER NEAR DALTON POST - STATION NO. 09AC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.618	5.628	5.288	5.408	68.8	82.3	74.8	62.8	36.4	27.8	19.2	9.208	1
2	7.808	5.868	5.278	5.438	86.1A	78.2	66.8	62.7	33.1	26.8	17.1	9.268	2
3	7.708	5.808	5.308	5.638	93.8E	81.8	79.7	60.8	34.0	33.8	17.4	9.208	3
4	7.838	5.858	5.258	5.888	74.0E	108	71.4	61.8	36.0	30.4	17.3	9.028	4
5	7.608	5.888	5.208	5.888	79.8E	108	70.8	48.4	38.8	38.4	18.8 B	8.808	5
6	7.208	5.888	5.078	5.718	74.7E	82.0	71.4	57.8	38.8	38.7	13.0 B	8.888	6
7	7.088	5.108	4.828	5.788	71.0E	78.2	78.1	52.2	44.4	37.4	10.8 B	8.858	7
8	7.018	6.128	4.818	5.838	88.8E	74.8	78.8	53.1	43.0	34.7	10.2 B	8.838	8
9	7.018	6.188	4.788	5.888	88.8E	78.2	83.3	48.8	41.8	31.4	10.1 B	8.628	9
10	7.088	6.188	4.788	5.978	80.0E	88.4	84.1	48.1	41.8	28.7	9.868	8.388	10
11	7.188	6.208	4.788	6.078	83.8E	84.4	84.3	48.8	41.8	27.8	8.818	8.288	11
12	7.188	6.208	4.808	6.268	48.0E	73.2	81.8	80.8	37.8	28.4	8.828	8.408	12
13	7.188	6.208	4.818	6.388	42.7E	82.7	78.8	53.2	36.1	30.4	8.788	8.408	13
14	7.028	6.188	4.888	6.808	38.8E	86.6	78.4	52.4	36.1	18.2	8.758	8.428	14
15	6.818	6.028	4.868	6.808	38.8A	88.8	88.8	48.8	38.8	30.4	8.828	8.458	15
16	6.788	5.988	4.838	7.008	38.1	88.3A	81.8	48.7	28.3	20.8	8.888	8.418	16
17	6.608	5.788	4.888	7.218	31.8	83.0E	87.8	47.8	26.8	21.1	8.858	8.308	17
18	6.408	5.678	5.008	7.488	30.8	83.8E	88.1	48.8	28.1	20.2	8.738	8.108	18
19	6.308	5.538	5.018	7.888	30.8	88.8A	88.7	44.7	28.2	18.8	8.588	7.988	19
20	6.288	5.488	5.018	8.288	30.8	83.0	88.2	43.8	24.8	20.2	8.488	7.908	20
21	6.218	5.488	5.088	8.788	37.8	80.8	88.1	80.8	28.7	18.8	8.508	7.888	21
22	6.228	5.478	5.108	8.818	82.5	88.8	88.8	48.7	48.8	18.7	8.528	7.808	22
23	6.388	5.478	5.188	8.858	81.3	81.8	84.1	48.8	44.0	18.1	8.528	7.888	23
24	6.388	5.508	5.188	10.4 B	48.7	78.1	81.2	42.8	38.8	17.4	8.488	8.288	24
25	6.408	5.538	5.188	11.8	42.1	74.3	47.8	43.2	34.8	18.8	8.288	8.388	25
26	6.408	5.508	5.208	17.8	44.4	82.7	48.8	44.4	38.3	12.8	8.038	8.388	26
27	6.428	5.428	5.218	26.8	87.7	88.8	48.8	42.3	38.4	11.2	8.888	8.308	27
28	6.408	5.378	5.228	30.8	88.8	84.3	48.8	41.1	32.2	13.8	8.888	8.188	28
29	6.228		5.278	28.8	87.2	78.4	80.8	40.4	30.8	18.8	8.888	8.038	29
30	6.888		5.388	41.4	118	78.8	81.8	38.8	28.8	14.8	8.888	7.908	30
31	6.878		5.398		118		84.3	37.4		14.1		7.788	31
TOTAL	210.18	182.98	187.08	327.08	1 788.7	2 288.3	2 818.7	1 488.8	1 083.4	887.2	328.81	288.72	TOTAL
MEAN	6.78	6.52	6.07	10.8	88.8	73.8	88.1	47.8	38.1	28.2	10.8	8.38	MEAN
MAX	7.81	6.38	6.38	41.4	118	108	88.8	62.2	48.8	37.4	17.4	9.28	MAX
MIN	6.87	6.37	4.78	6.48	38.8	83.8	48.8	37.4	24.8	11.2	8.88	7.78	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 28.2
MAXIMUM DAILY, 118 ON MAY 30
MINIMUM DAILY, 4.788 ON MAR 19
MAXIMUM INSTANTANEOUS,
130E AT 23:28 YST ON MAY 30

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 07 05 N
LONG 137 05 15 W
DRAINAGE AREA, 1 780 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	18 200	JUL	174 000
FEB	14 100	AUG	138 000
MAR	13 800	SEP	81 000
APR	28 300	OCT	68 400
MAY	152 000	NOV	28 200
JUN	191 000	DEC	22 400

TOTAL DISCHARGE, 830 000 dam³

TESLIN LAKE AT TESLIN - STATION NO. 09AE002

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.705	3.670	3.605	3.225E	3.680E	5.735	5.368	4.783	4.288	4.085	4.125	3.741	1
2	3.704	3.668	3.605	3.218E	3.730E	5.818	5.336	4.788	4.277	4.102	4.112	3.742	2
3	3.688	3.670	3.604	3.218E	3.680E	5.874	5.288	4.751	4.261	4.118	4.102	3.733	3
4	3.693	3.661	3.605	3.210E	4.000E	5.914	5.268	4.721	4.246	4.128	4.088	3.727	4
5	3.687	3.661	3.606	3.200E	4.130E	5.943	5.238	4.702	4.237	4.139	4.088	3.717	5
6	3.677	3.661	3.605	3.185E	4.270A	5.988	5.204	4.682	4.221	4.151	4.082	3.709	6
7	3.675	3.653	3.603	3.190E	4.432	6.027	5.170	4.677	4.208	4.164	4.074	3.694	7
8	3.671	3.640	3.604	3.185E	4.591	6.068	5.138	4.667	4.198	4.167	4.028	3.686	8
9	3.668	3.628	3.600	3.180E	4.748	6.078	5.098	4.653	4.183	4.211	3.986	3.680	9
10	3.664	3.610	3.490	3.175E	4.888	6.072	5.078	4.647	4.171	4.230	3.951	3.672	10
11	3.668	3.604	3.483	3.180E	5.028	6.058	5.048	4.650	4.158	4.248	3.971	3.670	11
12	3.658	3.604	3.474	3.188E	5.131	6.037	5.028	4.648	4.138	4.258	3.941	3.668	12
13	3.648	3.606	3.468	3.190E	5.188	6.008	4.994	4.636	4.121	4.264	3.928	3.667	13
14	3.640	3.606	3.463	3.195E	5.243	5.988	4.958	4.623	4.103	4.278	3.888	3.642	14
15	3.638	3.608	3.448	3.203E	5.282	5.973	4.938	4.600	4.089	4.278	3.868	3.638	15
16	3.631	3.608	3.434	3.218E	5.304	5.958	4.904	4.580	4.080	4.283	3.872	3.638	16
17	3.628	3.608	3.424	3.230E	5.327	5.948	4.878	4.588	4.068	4.281	3.857	3.618	17
18	3.614	3.604	3.408	3.245E	5.351	5.918	4.852	4.647	4.054	4.288	3.853	3.611	18
19	3.608	3.610	3.387	3.260E	5.370	5.878	4.828	4.617	4.047	4.288	3.848	3.598	19
20	3.610	3.608	3.373	3.278E	5.377	5.837	4.800	4.598	4.038	4.288	3.838	3.598	20
21	3.614	3.608	3.363	3.295E	5.383	5.788	4.784	4.587	4.038	4.242	3.822	3.804	21
22	3.613	3.607	3.339	3.320E	5.388	5.743	4.761	4.581	4.042	4.238	3.820	3.581	22
23	3.614	3.606	3.336	3.340E	5.387	5.688	4.748	4.628	4.037	4.233	3.808	3.593	23
24	3.611	3.608	3.322	3.380E	5.414	5.658	4.818	4.624	4.042	4.225	3.802	3.586	24
25	3.620	3.608	3.312	3.388E	5.438	5.608	4.831	4.625	4.051	4.210	3.788	3.582	25
26	3.617	3.608	3.287	3.420E	5.468	5.588	4.843	4.608	4.063	4.187	3.784	3.570	26
27	3.608	3.608	3.273	3.480E	5.488	5.526	4.845	4.581	4.067	4.184	3.772	3.558	27
28	3.600	3.608	3.268	3.500E	5.517	5.484	4.843	4.572	4.086	4.163	3.772	3.550	28
29	3.586		3.268	3.580E	5.551	5.448	4.838	4.564	4.088	4.168	3.768	3.542	29
30	3.578A		3.258E	3.600E	5.586	5.408	4.822	4.539	4.078	4.148	3.783	3.533	30
31	3.578		3.240E		5.587		4.808	4.521		4.138		3.528	31
MEAN	3.638	3.633	3.407	3.280	5.007	5.838	4.881	4.580	4.124	4.204	3.918	3.634	MEAN
MAX	3.708	3.670	3.605	3.600	5.587	6.078	5.368	4.783	4.288	4.278	4.125	3.742	MAX
MIN	3.578	3.498	3.240	3.178	3.880	5.408	4.761	4.521	4.037	4.088	3.783	3.528	MIN

WATER LEVELS IN METRES

MEAN, 4.180
MAXIMUM DAILY, 6.078 ON JUN 9
MINIMUM DAILY, 3.178E ON APR 18
MAXIMUM INSTANTANEOUS,
6.078 AT 03:47 YST ON JUN 8

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 677.088 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1948 ADJ.)

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 09 30 N
LONG 133 43 27 W

A - MANUAL GAUGE
E - ESTIMATED
NATURAL FLOW

TESLIN RIVER NEAR TESLIN - STATION NO. 09AE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	131B	122B	105 B	70.0B	128	710E	514	380E	248	212	222	159	1
2	131B	122B	104 B	68.0B	142	715E	501	375E	249	211	215	159	2
3	131B	122B	104 B	68.0B	168	720E	482	370E	243	209	214	159	3
4	130B	122B	103 B	68.0B	182	725E	465	360E	239	215	212	158A	4
5	130B	122B	103 B	67.0B	219	730E	474	350E	237	217	212	155B	5
6	130B	122B	102 B	67.5B	242	735E	485	345E	230	226	211	152B	6
7	130B	121B	102 B	68.0B	265	740E	458	340E	228	230	201	150B	7
8	130B	120B	102 B	68.5B	318	745E	448	335E	226	231	195	149B	8
9	130B	116B	101 B	69.0B	359	730A	439	335E	228	232	189	148B	9
10	129B	114B	101 B	70.0B	393	735E	429	340E	223	237	186B	147B	10
11	129B	112B	101 B	70.5E	431	733E	425	345E	217	237	183B	146B	11
12	129B	110B	100 B	71.0E	459	730A	412	340E	214	238	180B	145B	12
13	129B	109B	100 B	72.0E	479	727A	387	330E	212	236	177B	143B	13
14	128B	110B	98.0B	72.5E	494	721E	388	320E	210	245	176B	141B	14
15	128B	111B	98.0B	73.0E	504	715E	382	315E	202	249	175B	140B	15
16	128B	110B	97.0B	74.0E	515	709A	360	308E	200	260	174A	139B	16
17	128B	110B	96.0B	75.0E	530E	688	371	304A	202	250	176	138B	17
18	128B	109B	95.0B	75.0E	550E	690	350	302	200	248	173	137B	18
19	127B	110B	93.0B	75.2A	565E	678	344	295	187	245	169	136B	19
20	127B	109B	90.0B	75.5	575E	664	340E	283	188	241	171	135B	20
21	127B	108B	88.0B	76.4	590E	650	325E	280	201	238	168	134B	21
22	127B	108B	85.0B	78.4	605E	635	340E	281	201	233	171	134B	22
23	127B	107B	83.0B	80.3	620E	621	345E	280	200	237	166	133B	23
24	126B	107B	81.0B	82.5	630E	607	350E	277	203	238	164	132B	24
25	126B	106B	80.0B	84.5	650E	585	375E	274	201	228	163	132B	25
26	126B	105B	79.0B	88.6	665E	570	390E	273	202	224	162	131B	26
27	125B	105B	77.0B	92.1	675E	562	405E	269	203	228	160	131B	27
28	125B	105B	74.0B	95.7	685E	547	420E	265	205	231	160	130B	28
29	124B		72.0B	99.7	695E	541	410E	261	203	221	159	130B	29
30	124B		71.0B	109	700E	526	400E	257	209	218	157	129B	30
31	123B		70.0B		705E		390E	252		221		128B	31
TOTAL	3 953	3 158	2 856.0	2 311.3	14 742	20 205	12 564	9 655	6 420	7 178	5 442	4 374	TOTAL
MEAN	128	113	92.1	77.0	476	674	405	311	214	232	181	141	MEAN
MAX	131	122	105	109	705	745	514	380	249	260	222	159	MAX
MIN	123	105	70.0	67.0	128	526	325	252	187	209	157	128	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 255
MAXIMUM DAILY, 745E ON JUN 8
MINIMUM DAILY, 67.0B ON APR 5

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 28 04 N
LONG 133 18 07 W
DRAINAGE AREA, 30 300 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	342 000	JUL	1 090 000
FEB	273 000	AUG	834 000
MAR	247 000	SEP	555 000
APR	200 000	OCT	620 000
MAY	1 270 000	NOV	470 000
JUN	1 750 000	DEC	378 000

TOTAL DISCHARGE, 8 030 000 dam³

TOM CREEK AT KILOMETRE 34.9 ROBERT CAMPBELL HIGHWAY - STATION NO. 10AA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.840B	0.380B	0.550B	0.840B	5.00E	---	2.51	2.13	1.10	1.84	1.15 B	0.820B	1
2	0.800B	0.340B	0.560B	0.840B	6.00E	---	2.58	2.08	1.04	1.81	1.15 B	0.810B	2
3	0.720B	0.340B	0.550B	0.840B	7.50E	---	2.77	1.98	1.03	1.84	1.15 B	0.800B	3
4	0.580B	0.380B	0.580B	0.830B	12.0 E	---	2.63	1.91	1.16	1.70	1.14 B	0.790B	4
5	0.620B	0.380B	0.550B	0.820B	22.7 A	3.46A	2.45	1.91	1.21	1.81	1.13 B	0.780B	5
6	0.600B	0.400B	0.550B	0.820B	---	3.51	2.33	2.01	1.17	1.84	1.12 B	0.790B	6
7	0.580B	0.420B	0.530B	0.830B	---	4.80	2.23	2.01	1.11	1.89	1.10 B	0.755B	7
8	0.560B	0.440B	0.520B	0.840B	---	4.59	2.13	2.04	1.07	1.88	1.09 B	0.745B	8
9	0.600B	0.450B	0.500B	0.850B	---	4.38	2.11	2.02	1.06	1.82	1.06 B	0.730B	9
10	0.620B	0.460B	0.490B	0.860B	---	4.14	2.18	1.91	1.04	2.22	1.05 B	0.720B	10
11	0.620B	0.500B	0.480B	0.870B	---	3.89	2.14	1.88	1.02	2.24	1.00 B	0.684B	11
12	0.640B	0.510B	0.520B	0.880B	---	3.71	2.09	1.75	1.01	2.16	0.950B	0.690B	12
13	0.660B	0.530B	0.570B	0.890B	---	3.76	2.03	1.67	1.01	2.04	0.940B	0.685B	13
14	0.640B	0.540B	0.610B	0.900B	---	4.09	1.91	1.80	1.01	1.820B	0.930B	0.680B	14
15	0.620B	0.510B	0.630B	0.920B	---	4.11	1.86	1.84	1.01	1.700B	0.920B	0.660B	15
16	0.610B	0.500B	0.550B	0.940B	---	3.78	1.80	1.53	1.02	1.650B	0.920B	0.660B	16
17	0.600B	0.510B	0.570B	0.980B	---	3.52	1.75	1.60	1.04	1.480B	0.920B	0.660B	17
18	0.564B	0.520B	0.680B	0.980B	---	3.38	1.78	1.43	1.03	1.400B	0.930B	0.650B	18
19	0.530B	0.500B	0.720B	1.00 B	---	3.42	1.85	1.38	1.03	1.390B	0.940B	0.640B	19
20	0.500B	0.510B	0.740B	1.05 B	---	3.39	1.80	1.34	1.17	1.360B	0.930B	0.630B	20
21	0.480B	0.540B	0.760B	1.08 B	---	3.17	2.51	1.38	1.38	1.400B	0.920B	0.620B	21
22	0.440B	0.580B	0.760B	1.13 B	---	3.00	3.45	1.62	1.48	1.410B	0.920B	0.620B	22
23	0.460B	0.520B	0.760B	1.30 B	---	2.89	3.30	1.67	1.80	1.400B	0.910B	0.620B	23
24	0.500B	0.580B	0.770B	1.40 B	---	2.74	3.88	1.61	2.15	1.380B	0.900B	0.620B	24
25	0.540B	0.580B	0.780B	1.50 B	---	2.84	3.31	1.40	2.00	1.350B	0.890B	0.610B	25
26	0.600B	0.550B	0.780B	1.75 B	---	2.88	2.89	1.28	1.88	1.320B	0.880B	0.610B	26
27	0.720B	0.540B	0.780B	2.00 B	---	2.81	2.75	1.29	1.75	1.300B	0.860B	0.610B	27
28	0.700B	0.540B	0.780B	2.50 B	---	2.46	2.56	1.24	1.71	1.250B	0.850B	0.610B	28
29	0.640B		0.800B	3.50 E	---	2.47	2.35	1.18	1.83	1.200B	0.840B	0.600B	29
30	0.560B		0.820B	4.00 E	---	2.57	2.27	1.17	1.82	1.180B	0.830B	0.590B	30
31	0.610B		0.840B		---		2.17	1.11		1.170B		0.560B	31
TOTAL	18.704	13.810	20.370	37.920	---	---	74.51	50.03	38.80	48.27	28.350	21.124	TOTAL
MEAN	0.603	0.468	0.657	1.26	---	---	2.40	1.61	1.29	1.56	0.945	0.681	MEAN
MAX	0.840	0.520	0.840	4.00	---	---	3.88	2.13	2.15	2.24	1.15	0.820	MAX
MIN	0.410	0.340	0.480	0.820	---	---	1.75	1.11	1.01	1.17	0.830	0.560	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0.340B ON FEB 2

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 17 28 N
LONG 129 01 14 W
DRAINAGE AREA, 425 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 620	JUL	6 440
FEB	1 190	AUG	4 320
MAR	1 760	SEP	3 350
APR	3 280	OCT	4 170
MAY	---	NOV	2 450
JUN	---	DEC	1 830

WAREHAM LAKE AT HEADGATE - STATION NO. 09DC004

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	78.752	78.775E	78.466E	79.156	78.587	78.847	77.948	78.617	78.911	78.170	78.447	78.483	1
2	78.805	78.760E	78.463A	79.140	78.482	78.646	77.961	78.615	78.935	78.183	78.443	78.504	2
3	78.835	78.740E	78.463	79.119	78.410	78.424	78.199	78.905	78.898	78.183	78.445	78.514	3
4	78.902	78.720E	78.462	79.119	78.321	78.387	78.299	78.755	78.898	78.253	78.474	78.523	4
5	78.935	78.700E	78.475	79.115	78.233	78.404	78.393	78.837	78.918	78.330	78.486	78.536	5
6	78.954	78.680E	78.476	79.112	78.224	78.595	78.349	78.875	78.949	78.384	78.508	78.543	6
7	78.971	78.660E	78.480	79.088	78.082	78.805	78.313	78.924	78.961	78.392	78.487	78.553	7
8	78.977	78.642E	78.447	79.081	78.048	78.611	78.288	78.980	79.006	78.438	78.480	78.557	8
9	78.975	78.630E	78.449	79.058	78.203	78.727	78.209	78.997	79.021	78.452	78.470	78.580	9
10	78.980	78.624E	78.449	79.023	78.410	78.686	78.186	79.033	79.003	78.487	78.480	78.588	10
11	78.985	78.620E	78.458	79.000	78.442	78.683	78.286	79.058	79.092	78.489	78.466	78.575	11
12	79.019	78.610E	78.476	78.977	78.288	78.587	78.485	79.040	79.132	78.532	78.427	78.575	12
13	79.039	78.602E	78.521	78.978	78.168	78.482	78.556	79.014	79.144	78.554	78.424	78.589	13
14	79.042	78.595E	78.571	78.975	78.287	78.395	78.505	78.988	79.092	78.577	78.418	78.577	14
15	79.038	78.585E	78.612	78.958	78.364	78.376	78.495	78.988	79.053	78.566	78.421	78.580	15
16	79.025	78.575E	78.684	78.901	78.477	78.300	78.362	78.941	78.761	78.517	78.422	78.538	16
17	79.019	78.568E	78.710	78.830	78.383	78.366	78.262	78.917	78.652	78.560	78.418	78.503	17
18	79.020	78.562E	78.788	78.780	78.240	78.406	78.103	78.888	78.558	78.720	78.421	78.488	18
19	79.000	78.556E	78.811	78.680	78.156	78.270	78.125	78.871	78.408	78.774	78.418	78.473	19
20	78.994	78.544E	78.883	78.574	78.177	78.088	78.241	78.880	78.284	78.740	78.418	78.484	20
21	78.981	78.530E	78.922	78.477	78.231	77.928	78.118	78.839	78.289	78.700	78.418	78.486	21
22	78.959	78.520E	78.971	78.367	78.284	77.878	77.975	78.821	78.367	78.607	78.418	78.482	22
23	78.933	78.510E	79.010	78.305	78.288	77.758	77.952	78.800	78.403	78.607	78.418	78.476	23
24	78.907	78.505E	79.047	78.234	78.350	77.748	77.982	78.780	78.438	78.556	78.428	78.504	24
25	78.880	78.500E	79.075	78.186	78.408	77.783	78.186	78.778	78.408	78.519	78.441	78.534	25
26	78.862	78.500E	79.087	78.185	78.448	77.808	78.346	78.758	78.386	78.483	78.456	78.542	26
27	78.849	78.498E	79.106	78.261	78.480	77.837	78.476	78.738	78.322	78.473	78.478	78.555	27
28	78.842	78.492E	79.114	78.526	78.520	77.850	78.614	78.729	78.277	78.481	78.481	78.572	28
29	78.828		79.128	78.505	78.589	77.870	78.707	78.748	78.242	78.481	78.481	78.586	29
30	78.815E		79.151	78.833	78.704	77.901	78.755	78.789	78.203	78.484	78.483	78.614	30
31	78.788E		79.188		78.768		78.769	78.789		78.446		78.630	31
MEAN	78.932	78.600	78.740	78.785	78.388	78.279	78.314	78.870	78.692	78.482	78.448	78.536	MEAN
MAX	79.042	78.775	79.188	79.155	78.768	78.811	78.789	79.058	79.144	78.774	78.508	78.630	MAX
MIN	78.752	78.492	78.447	78.198	78.048	77.746	77.946	78.729	78.203	78.162	78.418	78.468	MIN

WATER LEVELS IN METRES

MEAN, 78.586
MAXIMUM DAILY, 79.188 ON MAR 31
MINIMUM DAILY, 77.746 ON JUN 24
MAXIMUM INSTANTANEOUS,
79.175 AT 13:30 YST ON MAR 31

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 38 26 N
LONG 135 55 02 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1952

WHEATON RIVER NEAR CARCROSS - STATION NO. 09AA012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.72 B	0.850B	1.05 B	1.55B	11.2	33.9	36.9	17.3	10.1	8.01	5.73	3.80B	1
2	1.60 B	0.850B	1.05 B	1.65B	11.7	34.3	35.7	17.0	9.86	7.88	5.73	3.80B	2
3	1.50 B	0.850B	1.05 B	1.72B	12.9	36.0	36.8	16.3	9.04	8.47	5.75	3.80B	3
4	1.42 B	0.820B	1.07 B	1.90B	13.2	39.3	38.3	15.1	12.0	8.44	5.67	3.50B	4
5	1.32 B	0.810B	1.06 B	2.02B	15.4	41.5	36.8	14.5	11.7	7.92	5.64	3.40B	5
6	1.25 B	0.830B	1.05 B	2.06B	15.5	38.1	36.8	16.4	11.7	7.79	5.50	3.25B	6
7	1.18 B	0.850B	1.03 B	2.12B	13.5	34.9	35.7	15.9	12.4	8.08	5.53A	3.05B	7
8	1.12 B	0.850B	0.955B	2.20B	13.2	34.1	35.9	17.3	11.9	8.28	5.40B	3.00B	8
9	1.08 B	0.820B	0.950B	2.30B	12.7	35.3	36.1	16.4	11.8	8.21	5.20B	3.05B	9
10	1.10 B	0.850B	0.910B	2.45B	11.8	33.7	31.8	14.3	11.8	7.80	4.90B	3.15B	10
11	1.12 B	0.870B	0.920B	2.55B	10.5	32.7	31.6	14.3	11.8	7.78	4.80B	3.10B	11
12	1.13 B	0.850B	0.925B	2.75B	9.59	32.5	30.4	15.1	10.8	7.51	4.30B	3.05B	12
13	1.14 B	1.02 B	0.950B	2.90B	8.83	36.9	28.5	15.4	10.4	7.08	4.35B	3.00B	13
14	1.15 B	1.03 B	0.950B	3.10B	8.47	36.1	27.5	15.9	10.0	7.06	4.35B	3.00B	14
15	1.13 B	1.02 B	1.05 B	3.35B	8.24	35.8	24.9	15.3	9.51	6.98	4.40B	3.00B	15
16	1.10 B	1.01 B	1.15 B	3.65B	8.06	33.8	21.4	14.8	9.11	6.70	4.35B	2.70B	16
17	1.06 B	1.00 B	1.20 B	3.85B	7.75	19.8	19.8	14.4	8.78	6.66	4.30B	2.80B	17
18	1.02 B	0.955B	1.18 B	4.30B	7.61	16.0	18.8	13.9	8.80	6.74	4.20B	2.80B	18
19	0.950B	0.850B	1.25 B	4.60B	7.44	17.8	18.9	14.1	8.77	6.71	4.10B	3.40B	19
20	0.950B	0.955B	1.30 B	5.00B	7.49	18.3	18.2	13.9	8.56	6.83	4.00B	3.45B	20
21	0.925B	1.00 B	1.35 B	5.40B	7.67	18.8	19.0	14.2	8.35	6.86	3.85B	3.00B	21
22	0.910B	1.04 B	1.37 B	5.60B	8.76	19.1	20.8	14.9	8.37	6.50	4.00B	3.00B	22
23	0.920B	1.05 B	1.40 B	6.20B	11.2	19.8	19.8	14.0	8.78	6.37	3.80B	3.05B	23
24	0.940B	1.07 B	1.44 B	6.60B	11.0	23.4	18.3	13.3	8.37	6.26	3.85B	3.00B	24
25	0.970B	1.07 B	1.43 B	7.30B	10.8	25.0	18.6	12.7	8.38	6.22	3.80B	3.00B	25
26	0.992B	1.05 B	1.35 B	7.50B	10.5	30.3	15.7	12.4	23.5	6.16	3.70B	2.50B	26
27	1.02 B	1.07 B	1.37 B	8.60B	12.7	30.1	15.2	12.2	17.5	6.15	3.60B	2.50B	27
28	1.05 B	1.06 B	1.35 B	9.10B	17.8	21.8	16.0	11.7	12.7	6.10	3.45B	2.45B	28
29	1.03 B		1.37 B	8.72	27.0	23.7	15.8	11.4	10.8	6.06	3.50B	2.40B	29
30	1.00 B		1.38 B	10.2	48.2	29.7	15.5	11.3	9.06	5.90	3.55B	2.35B	30
31	0.975B		1.43 B		44.1		17.7	10.7		5.81		2.30B	31
TOTAL	34.833	27.240	35.663	133.11	436.84	753.8	733.1	450.3	324.46	220.37	135.26	88.05	TOTAL
MEAN	1.12	0.973	1.15	4.44	14.1	25.1	23.6	14.5	10.8	7.11	4.51	2.84	MEAN
MAX	1.72	1.08	1.44	10.2	48.2	41.5	38.3	17.3	23.5	8.47	5.75	3.80	MAX
MIN	0.910	0.810	0.910	1.55	7.44	17.8	15.2	10.7	8.35	5.81	3.45	2.30	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.24
MAXIMUM DAILY, 48.2 ON MAY 30
MINIMUM DAILY, 0.810B ON FEB 5
MAXIMUM INSTANTANEOUS,
52.5 AT 07:41 YST ON MAY 30

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 08 05 N
LONG 134 53 45 W
DRAINAGE AREA, 875 km^2
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 010	JUL	63 300
FEB	2 350	AUG	38 900
MAR	3 150	SEP	28 000
APR	11 500	OCT	19 000
MAY	37 700	NOV	11 700
JUN	65 100	DEC	7 610

TOTAL DISCHARGE, 291 000 dam^3

WHITE RIVER AT KILOMETRE 1881.8 ALASKA HIGHWAY - STATION NO. 09CB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	18.88	13.18	13.08	18.28	101 B	140	482	598	218	78.2	37.88	18.88	1
2	18.78	13.08	13.08	18.48	131 A	134	804	640	177	78.4	37.88	18.88	2
3	18.78	13.08	12.98	18.68	128	188	471	538	170	74.8	37.78	18.88	3
4	18.88	13.08	12.88	18.78	138	213	478	442	148	72.4	38.78	18.88	4
5	17.88	13.18	12.88	18.88	111	217	883	400	118 A	71.1	34.48	18.88	5
6	17.88	13.18	12.88	18.88	77.7	208	898	388	178	70.8	33.78	18.78	6
7	17.88	13.28	13.88	18.88	72.3	207	812	382	240	70.4	30.88	18.58	7
8	17.18	13.38	12.78	18.18	66.3	187	718	381	308	68.1	27.88	18.38	8
9	17.18	13.48	12.78	18.28	102	200	732A	383	372	66.5	25.88	18.28	9
10	17.18	13.88	12.88	18.38	83.5	186	788E	388	448	88.2	23.88	18.88	10
11	17.18	13.88	12.88	18.88	88.8	191	783A	478	448	88.5	22.28	18.88	11
12	17.38	13.78	12.88	18.88	82.8	188	784	843	387	63.8	21.88	18.88	12
13	17.38	13.88	13.88	18.88	88.8	203	738	838	388	62.8	21.38	18.18	13
14	17.48	13.88	13.18	18.88	88.7	288	844	842	188	82.4	21.18	18.88	14
15	17.38	13.88	13.28	17.88	87.1	276	828	814	147	81.88	21.88	18.78	15
16	17.38	13.78	13.48	17.88	83.8	212	381	482	133	80.28	20.88	18.88	16
17	17.18	13.88	13.78	17.28	81.2	141	388	488	107	88.88	20.88	18.48	17
18	16.88	13.88	13.88	17.48	88.1	178	448	442	88.8	88.38	21.88	18.48	18
19	16.78	13.88	13.88	17.88	87.8	187	482	478	88.7	88.88	21.88	18.48	19
20	16.38	13.88	13.88	17.88	108	201	837	388	88.8	88.88	21.88	18.38	20
21	16.88	13.88	14.88	18.88	111	232	881	388	84.4	85.88	20.88	18.38	21
22	16.88	13.58	14.88	18.38	98.4	284	800	287	88.3	82.88	20.88	18.18	22
23	16.78	13.88	14.18	18.48	74.4	282	448	273	82.3	80.48	20.88	18.48	23
24	16.88	13.38	14.48	18.28	72.4	388	414	288	80.8	80.88	20.88	18.88	24
25	16.48	13.38	14.78	18.88	78.7	348	388	288	82.4	49.58	18.88	18.88	25
26	16.38	13.38	14.48	20.48	80.3	282	388	284	83.8	47.48	18.48	18.88	26
27	16.08	13.18	14.88	21.88	81.3	237	388	388	82.2	42.18	18.88	18.88	27
28	14.78	13.08	16.88	22.88	84.8	281	388	316	80.7	38.18	18.88	18.88	28
29	14.88		16.88	88.88	121	328	484	388	78.8	38.88	18.48	18.88	29
30	13.78		16.88	88.88	138	484	522	382	77.8	38.18	18.88	18.88	30
31	13.38		16.88		151		534	288		38.88		18.88	31
TOTAL	804.1	374.8	422.8	883.4	2 882.7	6 838	18 878	12 713	5 881.8	1 838.8	734.8	878.4	TOTAL
MEAN	18.3	13.4	13.8	18.8	83.8	331	844	418	178	88.8	24.8	18.7	MEAN
MAX	17.4	13.8	18.8	88.8	181	484	812	842	448	78.4	37.8	18.1	MAX
MIN	13.3	13.8	18.7	18.2	81.3	134	388	288	77.8	38.8	18.8	18.1	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 138
MAXIMUM DAILY, 812 ON JUL 7
MINIMUM DAILY, 12.78 ON MAR 8
MAXIMUM INSTANTANEOUS,
843 AT 03:00 YST ON JUL 12

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 58 12 N
LONG 140 33 11 W
DRAINAGE AREA, 8 240 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	43 800	JUL	1 480 000
FEB	33 400	AUG	1 100 000
MAR	38 800	SEP	440 000
APR	81 300	OCT	188 000
MAY	348 000	NOV	83 800
JUN	888 000	DEC	80 100

TOTAL DISCHARGE, 4 280 000 dam³

WHITESTONE RIVER NEAR THE MOUTH - STATION NO. 09FA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.178	1.618	1.638	1.688	30.08	88.8	188	80.1	78.2	24.1 A	7.318	3.478	1
2	2.188	1.618	1.628	1.688	128 B	87.2	128	38.3	78.1	23.2 A	7.078	3.438	2
3	2.148	1.608	1.628	1.688	218 E	48.3	101	38.8	78.2	22.8 A	6.838	3.388	3
4	2.138	1.608	1.618	1.688	220 E	38.8	81.1	88.8	77.3	21.7 E	6.688	3.348	4
5	2.128	1.788	1.618	1.688	218 A	82.8	81.8	88.7	71.4	20.8 A	6.388	3.308	5
6	2.108	1.788	1.808	1.808	207	111	48.2	80.1	87.8	20.8 B	6.188	3.288	6
7	2.088	1.778	1.808	1.808	182	88.1	38.8	81.8	82.8	19.2 B	6.018	3.228	7
8	2.088	1.768	1.808	1.818	114	138	38.4	42.8	88.7	18.4 B	5.848	3.188	8
9	2.068	1.758	1.888	1.828	88.7	133	28.4	38.2	85.8	17.8 B	5.878	3.148	9
10	2.048	1.748	1.888	1.838	84.8	104	27.3	31.3	82.1	18.8 B	5.888	3.108	10
11	2.028	1.738	1.888	1.848	48.2	81.3	28.7	28.4	48.3	18.1 B	5.378	3.078	11
12	2.018	1.728	1.888	1.888	38.7	88.7	38.8	28.8	48.8	15.5 B	5.248	3.048	12
13	2.008	1.718	1.888	1.888	31.8	88.1	83.3	28.1	88.8	14.8 B	5.118	3.008	13
14	1.988	1.708	1.888	1.878	21.8	88.1	83.3	88.8	88.8E	14.3 B	4.888	2.988	14
15	1.988	1.708	1.888	1.888	17.3	84.8	40.1	33.1	88.8E	13.7 B	4.888	2.938	15
16	1.888	1.888	1.888	1.738	35.8	188	24.8	31.8	85.3A	13.2 B	4.748	2.898	16
17	1.888	1.888	1.878	1.778	38.3	383	18.8	28.8	82.8E	12.7 B	4.838	2.888	17
18	1.848	1.888	1.878	1.818	43.8	188	18.8	18.8	84.8E	12.2 B	4.838	2.838	18
19	1.838	1.888	1.878	1.888	48.1	134	18.1	18.4	48.8E	11.7 B	4.818	2.888	19
20	1.828	1.878	1.878	1.888	48.7	131	13.7	38.8	38.8E	11.3 B	4.388	2.788	20
21	1.818	1.878	1.878	1.878	48.8	188	13.8	342 A	38.8E	10.8 B	4.218	2.788	21
22	1.808	1.888	1.888	2.888	42.4	77.8	18.3	448 A	31.8E	10.4 B	4.128	2.738	22
23	1.888	1.888	1.878	2.178	48.8	88.3	48.4	488 A	38.8E	10.8 B	4.848	2.788	23
24	1.888	1.888	1.878	2.288	48.7	88.8	88.2	388 A	27.4E	9.888	3.888	2.878	24
25	1.878	1.888	1.878	2.488	38.3	188	83.8	288	28.8E	9.288	3.888	2.848	25
26	1.888	1.848	1.878	2.828	23.8	807	84.8	188	24.7A	8.838	3.818	2.818	26
27	1.888	1.848	1.878	3.888	20.8	1 220	84.8	138	28.8E	8.548	3.748	2.888	27
28	1.848	1.838	1.888	4.388	20.3	848	77.8	182	28.8A	8.388	3.678	2.888	28
29	1.838		1.888	5.888	23.8	488	81.3	88.8	28.8A	8.088	3.618	2.848	29
30	1.828		1.888	8.888	33.4	287	42.8	78.8	28.2A	7.818	3.888	2.828	30
31	1.828		1.888		48.8		88.8	72.8		7.548		2.808	31
TOTAL	61.31	47.88	48.18	88.88	2 148.8	5 818.8	1 871.8	3 382.8	1 484.8	438.28	180.08	80.78	TOTAL
MEAN	1.87	1.71	1.88	2.33	88.3	187	83.8	188	48.8	14.3	5.88	2.83	MEAN
MAX	2.17	1.81	1.83	8.88	220	1 220	188	488	78.2	24.1	7.31	3.47	MAX
MIN	1.82	1.83	1.88	1.88	17.3	88.8	13.8	18.4	24.7	7.84	3.88	2.88	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 42.3
MAXIMUM DAILY, 1 220 ON JUN 27
MINIMUM DAILY, 1.888 ON MAR 23
MAXIMUM INSTANTANEOUS,
1 400 AT 13:48 YST ON JUN 27

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 88 28 38 N
LONG 138 24 18 W
DRAINAGE AREA, 8 738 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	8 280	JUL	144 888
FEB	4 188	AUG	285 888
MAR	4 288	SEP	128 888
APR	8 848	OCT	38 888
MAY	188 888	NOV	13 888
JUN	811 888	DEC	7 848

TOTAL DISCHARGE, 1 338 888 dam³

YUKON TERRITORY

YUKON RIVER ABOVE FRANK CREEK - STATION NO. 09AB009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2180	1910	1880	1730E	210	280	470	670	710	630	384	2130	1
2	2170	1910	1870	1730E	214	285	460	680	710	630	378	2130	2
3	2170	1920	1880	1740E	216	270	460	680	700	622	380	2110	3
4	2180	1930	1850	1780E	218	275	480	667	700	610	387	2080	4
5	2180	1930	1840	1790E	219	281	500	667	700	610	381	2080	5
6	2180	1940	1830	1780E	220	287	510	680	702	600	342	2070	6
7	2180	1950	1820	1780E	221	293	520	681	698	606	334	2060	7
8	2140	1950	1810	1770E	218	289	531	684	695	603	328	2050	8
9	2140	1900	1800	1770E	229	306	540	683	695	596	309	2040	9
10	2130	1900	1800	1770E	231	317	540	683	690	590	286	2060	10
11	2120	1900	1790	1780E	231	323	550	686	693	584	284	2030	11
12	2110	1900	1780	1780E	231	332	567	686	690	578	274	2030	12
13	2100	1900	1780	1780E	232	340	570	701	688	567	268	2000	13
14	2090	1900	1780	1780E	238	350	581	688	688	560	262	2020	14
15	2060	1900	1740	1780E	235	358	597	688	681	554	260	2010	15
16	2070	1900	1730	1800E	233	367	601	688	677	548	258	2020	16
17	2060	1870	1720	1800E	238	378	607	702	678	538	252	2010	17
18	2050	1880	1710	1800E	238	388	618	704	672	526	251	2000	18
19	2030	1890	1700	1810E	238	398	628	708	668	516	248	2010	19
20	2000	2000	1890	1820E	240	408	638	708	660	501	243	2000	20
21	1980	1980	1880	1820E	241	413	643	704	658	488	242	2000	21
22	1980	1980	1880	1830E	242	421	648	708	661	478	241	2020	22
23	1960	1970	1880	1850E	243	428	653	712	658	468	239	2020	23
24	1930	1960	1850	1850A	243	438	657	713	661	456	237	2010	24
25	1910	1950	1700	1850	244	440	664	713	653	440	235	2010	25
26	1910	1940	1710	181	245	448	668	714	648	440	232	2010	26
27	1900	1920	1710	187	248	451	668	716	640	430	1980	1980	27
28	1900	1900	1720	203	248	457	667	717	636	421	2200	2010	28
29	1900		1720	208	251	464	672	716	633	409	2280	2000	29
30	1890		1730A	208	256	471	678	716	631	401	2140	1980	30
31	1900		1730		256		678	713		393		1980	31
TOTAL	5 337	5 484	5 490	5 480	7 394	10 918	18 388	21 727	20 301	18 434	8 317	8 301	TOTAL
MEAN	204	195	176	183	234	364	593	701	677	630	277	303	MEAN
MAX	218	200	188	208	256	471	678	717	714	637	384	212	MAX
MIN	189	190	168	173	210	280	470	678	631	393	198	198	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 383
MAXIMUM DAILY, 717 ON AUG 28
MINIMUM DAILY, 1880 ON MAR 21
MAXIMUM INSTANTANEOUS,
721 AT 17:17 YST ON AUG 28

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 26 04 N
LONG 139 11 10 W
DRAINAGE AREA, 30 600 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	848 000	JUL	1 880 000
FEB	672 000	AUG	1 880 000
MAR	671 000	SEP	1 780 000
APR	673 000	OCT	1 420 000
MAY	827 000	NOV	710 000
JUN	943 000	DEC	844 000

TOTAL DISCHARGE, 11 400 000 dam³

YUKON RIVER ABOVE WHITE RIVER - STATION NO. 09CD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2880	3360	3640	3620	8400	2 290A	1 840E	1 670	1 330	1 210	8390	8480	1
2	2860	3410	3660	3620	8400	2 340A	1 820E	1 650	1 320	1 200	8280	8430	2
3	2860	3430	3650	3620	1 150E	2 350A	1 810E	1 650	1 300	1 200	8100	8370	3
4	2840	3480	3640	3620	1 700E	2 340A	1 800E	1 650	1 300	1 200	8000	8310	4
5	2880	3510	3640	3620	1 850E	2 400E	1 780E	1 670	1 300	1 200	7900	8280	5
6	2870	3500	3620	3620	2 180E	2 480E	1 780E	1 640	1 280	1 200	7770	8200	6
7	2870	3500	3620	3620	2 310E	2 530E	1 780E	1 610	1 270	1 200	7840	8150	7
8	2870	3540	3620	3620	2 330E	2 590E	1 740E	1 490	1 270	1 190	7810	8110	8
9	2860	3500	3620	3620	2 380E	2 650A	1 720E	1 470	1 260	1 180	7380	8050	9
10	2860	3740	3600	3630	2 470E	2 740A	1 690E	1 470	1 260	1 180	7280	4980	10
11	2860	3780	3670	3640	2 580E	2 820A	1 660E	1 480	1 240	1 180	7140	4940	11
12	2880	3820	3660	3640	2 770A	2 740A	1 670E	1 480	1 240	1 180	7030	4900	12
13	2880	3850	3620	3650	2 770A	2 630A	1 650E	1 450	1 230	1 170	6920	4850	13
14	3000	3860	3610	3660	2 870A	2 550A	1 650E	1 440	1 230	1 160	6810	4820	14
15	3010	3910	3600	3670	2 480A	2 520A	1 680E	1 420	1 210	1 160	6700	4780	15
16	3020	3930	3780	3660	2 320A	2 480A	1 660E	1 420	1 200	1 110	6810	4730	16
17	3030	3950	3730	3800	2 200A	2 480A	1 640E	1 400	1 200	1 080	6520	4680	17
18	3040	3950	3690	3620	2 100A	2 480A	1 600A	1 380	1 190	1 080	6430	4630	18
19	3050	3970	3670	3660	2 030A	2 440A	1 570	1 380	1 190	1 080	6340	4590	19
20	3060	3970	3660	3700	2 030A	2 380A	1 550	1 370	1 180	1 080	6280	4550	20
21	3060	3960	3630	3800	2 030A	2 420A	1 530	1 380	1 180	1 050	6180	4520	21
22	3100	3960	3620	3810	2 010A	2 380E	1 530	1 380	1 180	1 040	6110	4480	22
23	3110	3960	3610	4000	2 000A	2 180E	1 530	1 380	1 180	1 040	6040	4430	23
24	3140	3960	3600	4130	2 010A	2 080E	1 560	1 370	1 180	1 010	5970	4430	24
25	3180	3960	3600	4240	2 040A	2 030E	1 590	1 360	1 200	8200	5900	4400	25
26	3200	3970	3570	4380	2 050A	1 860E	1 620	1 380	1 210	8700	5830	4380	26
27	3230	3970	3550	4620	2 030A	1 850E	1 630	1 380	1 210	8500	5780	4320	27
28	3270	3960	3540	4680	2 020A	1 810E	1 630	1 380	1 200	8460	5680	4280	28
29	3310		3530	4860	2 060A	1 880E	1 620	1 380	1 200	8400	5620	4260	29
30	3320		3520	5040	2 110A	1 880E	1 590	1 380	1 210	8360	5560	4230	30
31	3340		3520		2 180A		1 560	1 340		8380		4200	31
TOTAL	9 810	10 837	11 626	11 488	64 480	70 740	51 490	44 480	38 840	33 308	20 348	14 778	TOTAL
MEAN	307	380	375	382	2 080	2 380	1 660	1 430	1 330	1 070	678	477	MEAN
MAX	334	398	388	604	2 770	2 820	1 640	1 670	1 330	1 210	830	548	MAX
MIN	295	338	352	352	840	1 880	1 530	1 340	1 180	838	588	430	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 040
MAXIMUM DAILY, 2 820A ON JUN 11
MINIMUM DAILY, 2860 ON JAN 1

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 05 02 N
LONG 139 29 40 W
DRAINAGE AREA, 180 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	822 000	JUL	4 480 000
FEB	818 000	AUG	3 840 000
MAR	1 000 000	SEP	3 180 000
APR	891 000	OCT	2 480 000
MAY	5 870 000	NOV	1 780 000
JUN	6 110 000	DEC	1 280 000

TOTAL DISCHARGE, 32 800 000 dam³

YUKON TERRITORY

YUKON RIVER AT CARMACKS - STATION NO. 09AH001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	360B	310B	333B	311B	720B	1 200	1 210	1 160	1 060	941	871	418B	1
2	364B	310B	337B	310B	730B	1 180	1 210	1 190	1 080	948	882	418B	2
3	360B	310B	336B	309B	670B	1 170	1 200	1 170	1 080	950	640B	415B	3
4	358B	310B	339B	306B	620B	1 210	1 200	1 170	1 050	946	625B	412B	4
5	355B	311B	340B	307B	725	1 260	1 190	1 170	1 050	945	610B	410B	5
6	351B	312B	332B	305B	725	1 370	1 180	1 180	1 050	940	600B	408B	6
7	350B	315B	330B	304B	727	1 400	1 180	1 150	1 040	932	590B	405B	7
8	350B	320B	329B	302B	726	1 380	1 180	1 150	1 030	934	575B	402B	8
9	350B	320B	324B	300B	754	1 330	1 170	1 150	1 020	940	565B	400B	9
10	351B	321B	321B	300B	817	1 330	1 170	1 170	1 020	932	550B	400B	10
11	351B	324B	321B	300B	884	1 330	1 170	1 180	1 020	928	540B	400B	11
12	351B	328B	321B	300B	865	1 330	1 170	1 150	1 010	922	530B	395B	12
13	350B	326B	321B	300B	882	1 330	1 170	1 150	1 000	915	520B	388B	13
14	349B	328B	322B	300B	889	1 330	1 170	1 140	998	894	510B	387B	14
15	346B	327B	326B	300B	912	1 360	1 180	1 140	987	872	500B	386B	15
16	345B	326B	326B	298B	917	1 380	1 180	1 120	980	861	490B	385B	16
17	340B	324B	329B	295B	930	1 340	1 180	1 120	977	852	480B	384B	17
18	337B	322B	325B	298B	936	1 320	1 140	1 120	974	870	475B	383B	18
19	333B	321B	326B	300B	943	1 300	1 130	1 110	969	865	465B	381B	19
20	331B	321B	327B	310B	952	1 300	1 140	1 110	960	849	460B	380B	20
21	330B	321B	324B	320B	950	1 280	1 140	1 110	957	828	455B	386B	21
22	326B	323B	322B	360B	953	1 260	1 150	1 100	959	808	450B	387B	22
23	327B	326B	322B	410B	977	1 270	1 160	1 100	964	795	445B	386B	23
24	324B	326B	321B	500B	981	1 280	1 180	1 100	969	773	440B	385B	24
25	320B	329B	320B	550B	986	1 250	1 190	1 100	966	767	435B	384B	25
26	318B	329B	320B	600B	988	1 250	1 180	1 090	960	761	430B	383B	26
27	315B	330B	318B	630B	1 000	1 230	1 180	1 090	951	734	425B	382B	27
28	311B	330B	316B	650B	1 030	1 220	1 180	1 080	955	709	422B	381B	28
29	310B		316B	620B	1 070	1 210	1 170	1 080	955	702	421B	380B	29
30	310B		317B	770B	1 120	1 210	1 170	1 080	950	682	420B	379B	30
31	310B		316B		1 170		1 180	1 070		664		379B	31
TOTAL	10 498	9 005	10 082	12 628	27 988	38 620	36 360	35 000	28 931	26 502	15 401	12 258	TOTAL
MEAN	339	322	325	421	903	1 290	1 170	1 130	964	855	513	395	MEAN
MAX	365	330	340	850	1 170	1 400	1 210	1 190	1 080	950	871	418	MAX
MIN	310	310	315	295	720	1 170	1 130	1 070	950	664	420	379	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 724
MAXIMUM DAILY, 1 400 ON JUN 7
MINIMUM DAILY, 295B ON APR 17
MAXIMUM INSTANTANEOUS,
1 420 AT 04:55 YST ON JUN 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 05 45 N
LONG 136 16 18 W
DRAINAGE AREA, 81 300 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	907 000	JUL	3 140 000
FEB	778 000	AUG	3 020 000
MAR	872 000	SEP	2 500 000
APR	1 090 000	OCT	2 290 000
MAY	2 420 000	NOV	1 330 000
JUN	3 340 000	DEC	1 060 000

TOTAL DISCHARGE, 22 800 000 dam³

YUKON RIVER AT DAWSON - STATION NO. 09EB001

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	2.090A	2.638	2.300	1.893	1.482	0.950	---	---	1
2	---	---	---	---	3.350	2.686	2.335	1.977	1.434	0.938	---	---	2
3	---	---	---	---	3.278	2.796	2.372	1.971	1.386	0.927	---	---	3
4	---	---	---	---	2.732	2.675	2.367	1.885	1.287	0.924	---	1.623	4
5	---	---	---	---	3.158	2.908	2.335	1.842	1.288	0.922	---	---	5
6	---	---	---	---	2.978	2.919	2.281	1.940	1.209	0.902	---	---	6
7	---	---	---	---	2.870	2.985	2.276	2.020	1.157	0.897	---	---	7
8	---	---	---	---	2.838	3.108	2.282	2.065	1.172	0.890	---	---	8
9	---	---	---	---	2.864	3.284	2.320	---	1.224	0.885	---	---	9
10	---	---	---	---	3.070	3.327	2.333	---	1.281	0.888	---	---	10
11	---	---	---	---	3.200	3.375	2.355	---	1.342	0.871	---	---	11
12	---	---	---	---	3.230	3.304	2.379	---	1.420	0.842	---	---	12
13	---	---	---	---	3.270A	3.119	2.376	---	1.475	0.821	---	---	13
14	---	---	---	---	3.170	2.987	2.371	---	1.428	0.787	---	---	14
15	---	---	---	---	2.980	2.863	2.352	---	1.312	0.748	---	---	15
16	---	---	---	---	2.828	2.881	2.318	1.822	1.188	0.684	---	---	16
17	---	---	---	---	2.707	2.889	2.180	1.863	1.128	0.643	---	---	17
18	---	---	---	---	2.597	2.907	2.031	1.800	1.075	0.593	---	---	18
19	---	---	---	---	2.551	2.881	1.981	1.757	1.028	0.582	---	---	19
20	---	---	---	0.888A	2.566	2.844	1.953	1.773	0.993	0.568	---	---	20
21	---	---	---	0.912	2.587	2.852	1.935	1.795	0.998	0.611	---	---	21
22	---	---	---	0.980	2.525	2.622	1.873	1.754	0.948	0.594	---	---	22
23	---	---	---	1.088	2.448	2.441	1.962	1.721	0.914	0.580	---	---	23
24	---	---	---	1.198	2.382	2.377	1.878	1.849	0.886	0.551	---	---	24
25	---	---	---	1.303	2.376	2.373	1.884	1.884	0.897	0.435	---	---	25
26	---	---	---	1.598	2.358	2.419	2.002	1.521	0.884	0.427	---	---	26
27	---	---	---	2.159	2.363	2.447	2.027	1.487	0.920	---	---	---	27
28	---	---	---	2.899	2.372	2.398	2.058	1.501	0.885	---	---	---	28
29	---		---	3.771A	2.395	2.386	2.080	1.526	0.888	---	---	---	29
30	---		---	2.143A	2.418	2.302	2.077	1.527	0.962	---	---	---	30
31	---		---		2.445		2.033	1.510		---		---	31
MEAN	---	---	---	---	2.741	2.783	2.183	---	1.153	---	---	---	MEAN
MAX	---	---	---	---	3.350	3.375	2.379	---	1.482	---	---	---	MAX
MIN	---	---	---	---	2.090	2.302	1.852	---	0.884	---	---	---	MIN

SUMMARY FOR THE YEAR 1989

WATER LEVELS IN METRES

MAXIMUM DAILY, 3.771A ON APR 29

MAXIMUM INSTANTANEOUS,
5.421 AT 17:40 YST ON MAY 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 04 12 N
LONG 139 25 30 W

A - MANUAL GAUGE

NATURAL FLOW

DRAINAGE AREA,
264 000 km²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM NO. 2
APPLY 311.626 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

YUKON TERRITORY

YUKON RIVER AT BABLE - STATION NO. 09EB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8888	8888	8888	8388	5 8908	4 420	4 180	3 280	2 880	2 180	8388	7088	1
2	8888	8888	8888	8388	5 2308	4 880	4 220	3 270	2 810	2 120	8088	7088	2
3	8888	8888	8888	8388	5 8808	4 730	4 200	3 430	2 630	2 080	8788	8808	3
4	8888	8888	8888	8388	5 3808	4 800	4 250	3 430	2 480	2 080	8788	8808	4
5	8888	8888	8888	8388	4 8108	5 040	4 130	3 840	2 380	2 040	8808	8808	5
6	8888	8888	8888	8388	4 5308	5 350	3 880	3 840	2 380	2 020	8808	8808	6
7	8888	8888	8888	8388	4 2808	5 170	3 880	3 370	2 280	1 880	8218	8808	7
8	8888	8888	8888	8388	3 8808	5 080	3 850	3 280	2 230	1 880	8218	8808	8
9	8888	8888	8888	8388	3 8808	5 030	3 850	3 200	2 270	1 880	7038	8808	9
10	8888	8888	8888	8388	3 8808	5 080	3 810	3 080	2 320	1 870	7038	8808	10
11	8888	8888	8888	8388	3 8808	5 080	3 840	3 030	2 380	1 870	7838	8808	11
12	8888	8888	8888	8388	3 8808	5 120	3 880	2 880	2 480	1 880	7888	8808	12
13	8888	8888	8888	8388	4 2808	5 830	3 880	2 880	2 520A	1 810	7888	8808	13
14	8888	8888	8888	8388	4 5308	5 440	3 880	3 000	2 880E	1 840	7888	8808	14
15	8818	8888	8888	8388	5 1008	5 130	3 880	3 080	2 170E	1 830	7388	8808	15
16	8818	8888	8388	8388	5 3808	5 040	3 810	3 200	2 080E	1 800	7388	8808	16
17	8818	8888	8388	8388	5 1008	5 040	3 820	3 230	2 820E	1 770	7388	8808	17
18	8818	8888	8388	8388	4 840A	5 040	3 820	3 120	2 760E	1 710	7388	8808	18
19	8818	8888	8388	8888	4 730	5 130	3 440	3 030	2 440E	1 880	7368	8818	19
20	8238	8888	8388	8888	4 820	5 100	3 340	3 030	2 270E	1 880	7368	8818	20
21	8238	8888	8388	8888	4 840	4 810	3 340	3 030	2 100E	1 8308	7388	8818	21
22	8238	8888	8388	8238	4 830	4 470	3 400	3 080	2 040E	1 4408	7088	8818	22
23	8238	8888	8388	8808	4 420	4 380	3 400	3 000	1 860E	1 3808	7088	8818	23
24	8238	8888	8388	7388	4 280	4 130	3 430	2 980	1 820E	1 2708	7088	8818	24
25	8888	8888	8388	7838	4 380	4 080	3 400	2 880	1 830E	1 2208	7088	8818	25
26	8888	8888	8388	8748	4 380	4 380	3 370	2 780	1 870A	1 1808	7088	8818	26
27	8888	8888	8388	1 0808	4 280	4 470	3 340	2 700	2 010	1 1008	7088	8818	27
28	8888	8888	8388	1 3908	4 220	4 500	3 280	2 840	2 120	1 0808	7088	8818	28
29	8888		8388	2 4408	4 220	4 500	3 230	2 890	2 180	1 0308	7088	8818	29
30	8888		8388	4 2808	4 280	4 330	3 200	2 700	2 180	8818	7088	8818	30
31	8888		8388		4 330		3 230	2 860		8838		8818	31
TOTAL	30 038	15 848	17 088	24 281	143 000	151 130	115 180	95 280	71 220	61 714	33 108	30 788	TOTAL
MEAN	848	888	852	808	4 810	5 040	3 720	3 070	2 370	1 870	770	870	MEAN
MAX	880	888	888	4 280	5 230	5 170	4 380	3 840	3 170	2 180	838	708	MAX
MIN	888	888	838	838	3 880	4 080	3 200	2 880	1 830	882	708	881	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2 080
MAXIMUM DAILY, 5 2308 ON MAY 2
MINIMUM DAILY, 8388 ON MAR 18
MAXIMUM INSTANTANEOUS,
5 340 ON JUN 7

SUMMARY FOR THE YEAR 1988

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 47 22 N
LONG 141 11 52 W
DRAINAGE AREA, 284 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 730 000	JUL	8 880 000
FEB	1 370 000	AUG	8 230 000
MAR	1 480 000	SEP	8 150 000
APR	2 100 000	OCT	4 470 000
MAY	12 400 000	NOV	2 000 000
JUN	13 100 000	DEC	1 780 000

TOTAL DISCHARGE, 84 800 000 dam³

YUKON RIVER AT WHITEHORSE - STATION NO. 09AB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	173	171	168	148	186	233	373	524	585	818	218	171	1
2	171	168	165	148	171	230	374	531	588	805	218	188	2
3	171	171	163	148	177	237	380	520	582	487	215	188	3
4	170	170	168	148	178	240	388	521	574	478	215	188	4
5	168	168	168	147	184	252	388	526	577	474	214	171	5
6	168	168	163	148	187	238	405	535	574	478	218	170	6
7	170	167	161	147	188	280	407	543	562	483	201	172	7
8	168	167	158	147	180	285	414	550	588	478	194	178	8
9	166	168	160	146	178	277	421	548	571	478	188	178	9
10	167	170	148	147	177	286	428	550	574	487	184	177	10
11	173	167	147	148	171	288	440	547	577	438	188	177	11
12	173	168	148	148	188	284	448	547	575	415	188	180	12
13	174	168	148	148	188	287	458	558	578	414	183	177	13
14	176	167	146	151	188	303	471	550	570	411	178	187	14
15	174	163	145	157	188	308	478	551	568	408	188	183	15
16	173	168	145	164	188	320	488	555	583	392	178	181	16
17	176	168	148	176	180	328	487	550	588	380	172	180	17
18	174	167	148	172	182	328	482	552	548	338	188	184	18
19	175	162	148	173	180	334	483	570	534	328	178	188	19
20	173	162	149	173	187	340	508	582	531	308	178	177	20
21	172	163	150	182	194	348	511	578	527	301	172	182	21
22	170	160	152	187	188	357	507	577	528	303	172	184	22
23	173	164	150	184	201	358	514	583	518	288	172	181	23
24	176	165	150	185	188	358	514	584	525	301	188	185	24
25	171	167	151	188	202	357	520	583	523	300	171	183	25
26	174	168	151	188	188	353	514	588	518	272	173	182	26
27	176	168	148	185	200	358	508	584	520	247	188	184	27
28	177	168	147	182	214	371	510	584	530	284	188	183	28
29	173		148	182	208	385	518	584	514	258	178	185	29
30	173		148	182	218	374	520	582	513	248	178	188	30
31	172		148		228		524	581		231		185	31
TOTAL	5 336	4 881	4 668	4 870	5 847	8 272	14 412	17 383	18 844	11 838	8 373	8 887	TOTAL
MEAN	172	168	151	158	188	308	485	561	561	375	178	180	MEAN
MAX	177	171	168	176	228	374	524	584	588	818	218	188	MAX
MIN	188	180	148	148	184	230	373	524	513	231	148	188	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 288
MAXIMUM DAILY, 584 ON AUG 28
MINIMUM DAILY, 148 ON MAR 18

DATA CONTRIBUTED BY -
THE YUKON ELECTRICAL COMPANY LTD.

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 60 42 80 N
LONG 135 02 35 W
DRAINAGE AREA, 18 400 km²

REGULATED SINCE 1958

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	481 000	JUL	1 280 000
FEB	402 000	AUG	1 500 000
MAR	403 000	SEP	1 430 000
APR	403 000	OCT	1 010 000
MAY	895 000	NOV	481 000
JUN	891 000	DEC	483 000

TOTAL DISCHARGE, 8 110 000 dam³

ACASTA RIVER ABOVE LITTLE CRAPEAU LAKE - STATION NO. 10JA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.208	2.208	1.86 B	1.01 B	0.868E	13.8	38.6	15.0	8.78	8.81	7.86	4.88	1
2	2.138	2.168	1.86 B	1.11 B	0.885E	16.1	37.0	14.6	8.88	8.84	7.38	4.87	2
3	2.078	2.188	1.84 B	1.08 B	0.898E	17.6	34.7	14.3	8.88	8.86	7.38	4.84	3
4	2.008	2.148	1.82 B	1.01 B	0.898E	22.1	32.7	14.0	8.48	8.88	7.38	4.47	4
5	2.988	2.118	1.48 B	0.948B	0.888E	27.0	31.3	13.8	8.28A	7.48	7.73	4.32	5
6	2.028	2.088	1.47 B	1.01 B	1.08 E	35.1	28.8	13.8	8.14E	7.87	7.87	4.23	6
7	2.888	2.078	1.46 B	1.02 B	1.28 E	43.8	26.2	13.2	8.02E	8.12	7.28	4.14	7
8	2.858	2.058	1.43 B	0.998B	1.87 E	53.8	27.2	12.7	8.88A	8.28	7.08	4.07	8
9	2.828	2.038	1.41 B	1.01 B	1.78 E	63.3	28.8	12.3	8.78	8.47	8.87	4.01	9
10	2.788	2.008	1.38 B	0.887E	1.88 E	71.7	24.7	12.1 A	8.74	8.88	8.87	3.86	10
11	2.788	1.888	1.38 B	0.888E	1.83 E	77.8	23.7	11.8 E	8.88	8.78	8.87	3.88	11
12	2.718	1.868	1.36 B	0.888E	1.83 E	81.3	22.8	11.1 E	8.82	8.88	8.53	3.88	12
13	2.888	1.848	1.32 B	0.888E	1.88 E	83.2	22.0	10.8 E	8.87	8.88	8.44	3.81	13
14	2.848	1.818	1.28 B	0.818E	2.04 E	83.8	21.1	10.1 E	8.48	8.84	8.38A	3.82	14
15	2.818	1.888	1.27 B	0.888E	2.38 E	82.9	20.0	9.82A	8.43	8.88	8.23E	3.84	15
16	2.878	1.878	1.28 B	0.881E	2.42 A	83.0	18.1	8.48	8.84	9.13	8.07A	3.71	16
17	2.848	1.858	1.23 B	0.887E	2.87	81.7	16.2	8.28	8.88	8.18	8.88	3.87	17
18	2.818	1.838	1.21 B	0.821E	2.87	78.5	17.8	8.84	8.82	8.17	8.84	3.80	18
19	2.488	1.808	1.18 B	0.888E	3.11	77.3	16.8	8.72	8.82	8.18	8.84	3.84	19
20	2.478	1.788	1.16 B	1.01 E	4.43	74.8	16.5	8.48	8.82	9.84	8.77	3.88	20
21	2.488	1.788	1.14 B	1.04 E	6.01	70.7	15.4	8.25	8.80	8.83	8.88	3.88	21
22	2.428	1.748	1.12 B	1.08 E	6.88	67.4	15.8	7.83	8.48	8.82	8.34	3.48	22
23	2.408	1.728	1.10 B	1.07 E	7.13	64.2	15.2	7.88	8.84	8.88	8.31	3.38	23
24	2.388	1.688	1.07 B	1.07 E	7.34	60.0	14.8	7.70	8.72	8.80	8.09	3.38	24
25	2.368	1.678	1.05 B	1.03 E	7.84	58.3	13.8	7.88	8.74	8.78	4.88	3.32	25
26	2.348	1.868	1.03 B	1.04 E	8.27	52.8	13.4	7.38	8.88	8.32	4.88	3.28	26
27	2.318	1.838	1.01 B	0.888E	8.27	48.6	13.0	7.27	8.78	7.87	4.78	3.21	27
28	2.288	1.808	0.988B	0.801E	10.8	46.8	12.8	7.18	8.81	7.71	4.68	3.18	28
29	2.278		0.967B	0.788E	11.8	44.1	13.0	7.08	8.81	8.13	4.88	3.18	29
30	2.258		0.948B	0.884E	12.8	41.8	14.8	8.88	8.83	8.80	4.88	3.18	30
31	2.238		0.923B		13.4		15.1	8.88		8.88		3.12	31
TOTAL	81.28	53.30	38.784	28.321	137.821	1 723.0	884.8	315.48	174.74	258.31	184.10	118.78	TOTAL
MEAN	2.82	1.90	1.25	0.977	4.45	57.4	21.4	10.2	5.82	8.37	5.14	3.77	MEAN
MAX	3.20	2.20	1.86	1.11	13.4	83.8	38.6	15.0	8.78	9.18	7.73	4.88	MAX
MIN	2.22	1.80	0.823	0.788	0.868	13.8	12.8	8.88	8.40	8.81	4.88	3.12	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.3
MAXIMUM DAILY, 83.8 ON JUN 14
MINIMUM DAILY, 0.788E ON APR 28
MAXIMUM INSTANTANEOUS,
84.0 AT 15:44 MST ON JUN 14

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 52 30 N
LONG 119 08 15 W
DRAINAGE AREA, 2 280 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	7 020	JUL	87 400
FEB	4 810	AUG	27 300
MAR	3 380	SEP	15 100
APR	2 530	OCT	22 100
MAY	11 900	NOV	15 900
JUN	149 000	DEC	10 100

TOTAL DISCHARGE, 328 000 dam³

AKKUTUAK CREEK NEAR BAKER LAKE - STATION NO. 08MA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0	0	0	0	0	0 B	0.284	0.176	0.088	0.0888	0	0	1
2	0	0	0	0	0	0 B	0.288	0.163	0.087	0.0818	0	0	2
3	0	0	0	0	0	0 B	0.274	0.188	0.081	0.0488	0	0	3
4	0	0	0	0	0	0 B	0.261	0.188	0.080	0.0458	0	0	4
5	0	0	0	0	0	0 B	0.246	0.174	0.074	0.0438	0	0	5
6	0	0	0	0	0	0 B	0.228	0.176	0.078	0.0418	0	0	6
7	0	0	0	0	0	0 B	0.226	0.166	0.075	0.0398	0	0	7
8	0	0	0	0	0	0 B	0.221	0.163	0.071	0.0378	0	0	8
9	0	0	0	0	0	0 B	0.237	0.148	0.074	0.0368	0	0	9
10	0	0	0	0	0	0 B	0.218	0.138	0.088	0.0368	0	0	10
11	0	0	0	0	0	0.3808	0.207	0.137	0.088	0.0348	0	0	11
12	0	0	0	0	0	2.23 A	0.200	0.133	0.070	0.033	0	0	12
13	0	0	0	0	0	2.18 A	0.213	0.118	0.088	0.032	0	0	13
14	0	0	0	0	0	2.26	0.208	0.111	0.088	0.0318	0	0	14
15	0	0	0	0	0	2.38	0.192	0.108	0.083	0.031	0	0	15
16	0	0	0	0	0	2.06	0.184	0.123	0.080	0.038	0	0	16
17	0	0	0	0	0	1.48	0.184	0.118	0.081	0.023	0	0	17
18	0	0	0	0	0	2.80	0.178	0.120	0.091	0.018A	0	0	18
19	0	0	0	0	0	2.13	0.188	0.111	0.082	0.0108	0	0	19
20	0	0	0	0	0	1.45	0.121	0.116	0.088	0.0048	0	0	20
21	0	0	0	0	0	1.08	0.114	0.112	0.088	0.0018	0	0	21
22	0	0	0	0	0	0.888	0.111	0.104	0.081	0 E	0	0	22
23	0	0	0	0	0	0.748	0.137	0.105	0.084	0 E	0	0	23
24	0	0	0	0	0	0.675	0.188	0.103	0.100	0 E	0	0	24
25	0	0	0	0	0	0.583	0.141	0.102	0.0938	0 E	0	0	25
26	0	0	0	0	0	0.482	0.138	0.088	0.0838	0 E	0	0	26
27	0	0	0	0	0	0.438	0.128	0.088	0.0768	0 E	0	0	27
28	0	0	0	0	0	0.388	0.138	0.084	0.0688	0 E	0	0	28
29	0		0	0	0	0.358	0.138	0.088	0.0638	0 E	0	0	29
30	0		0	0	0	0.322	0.148	0.083	0.0588	0 E	0	0	30
31	0		0		0		0.163	0.081		0 E		0	31
TOTAL	0	0	0	0	0	25.025	5.825	3.867	2.438	0.877	0	0	TOTAL
MEAN	0	0	0	0	0	0.834	0.188	0.125	0.081	0.023	0	0	MEAN
MAX	0	0	0	0	0	2.80	0.248	0.188	0.100	0.088	0	0	MAX
MIN	0	0	0	0	0	0	0.111	0.081	0.088	0	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.104
MAXIMUM DAILY, 2.80 ON JUN 18
MINIMUM DAILY, 0E ON JAN 1
MAXIMUM INSTANTANEOUS,
2.88 AT 05:01 CST ON JUN 18

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 18 57 N
LONG 95 58 23 W
DRAINAGE AREA, 15.0 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	503
FEB	0	AUG	342
MAR	0	SEP	210
APR	0	OCT	53.5
MAY	0	NOV	0
JUN	3 180	DEC	0

TOTAL DISCHARGE, 3 270 dam³

NORTHWEST TERRITORIES

ANDERSON RIVER BELOW CARNWATH RIVER - STATION NO. 10NC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	28.38	24.68	23.58	22.98	22.98	703	342	133	73.1	116	42.38	24.98	1
2	28.18	24.78	23.48	22.98	22.98	781	326	129	76.6	115	41.08	24.28	2
3	28.08	24.78	23.48	22.98	22.98	784	316	125	78.3	115	40.08	23.98	3
4	27.88	24.68	23.48	22.98	23.08	728	305	123	77.0	113	39.08	23.78	4
5	27.68	24.58	23.38	22.98	23.08	748	296	120	78.9	112	38.08	23.48	5
6	27.68	24.48	23.38	22.98	23.18	659	285	118	80.0	108	37.08	23.18	6
7	27.48	24.48	23.38	22.98	23.38	606	274	113	81.8	107	36.38	22.98	7
8	27.38	24.38	23.28	22.98	23.58	695	264	111	82.3	107	35.48	22.78	8
9	27.18	24.38	23.28	22.98	23.68	657	255	110	83.9	105	34.78	22.58	9
10	27.08	24.28	23.28	22.98	24.18	664	246	107	88.0	103	34.08	22.38	10
11	26.98	24.18	23.28	22.98	24.88	644	240	104	87.3	98.6	33.38	22.18	11
12	26.88	24.18	23.28	22.98	25.28	634	232	102	87.7	97.6	32.78	21.98	12
13	26.78	24.18	23.18	22.98	25.08	634	226	99.8	89.5	92.4	32.08	21.78	13
14	26.58	24.08	23.18	22.98	27.08	610	221	98.2	92.3	77.1	31.48	21.48	14
15	26.48	24.08	23.18	22.98	35.08	598	218	98.6	87.4	83.6	30.68	21.28	15
16	26.38	24.08	23.18	22.88	40.08	580	218	98.6	105	40.08	30.28	21.08	16
17	26.28	23.98	23.18	22.68	38.08	568	209	180	113	38.28	29.68	20.68	17
18	26.18	23.98	23.18	22.68	34.08	550	201	127	121	38.88	29.38	20.58	18
19	25.88	23.98	23.18	22.68	32.08	537	195	100	126	41.08	28.68	20.48	19
20	25.68	23.88	23.18	22.68	32.08	520	189	93.0	128	44.68	28.38	20.28	20
21	25.78	23.68	23.08	22.88	33.08	505	184	90.8	123	48.08	27.98	20.18	21
22	25.68	23.68	23.08	22.88	37.08	488	178	88.2	117	53.08	27.68	19.88	22
23	25.48	23.78	23.08	22.88	40.08	475	174	88.9	113	55.68	27.28	19.68	23
24	25.38	23.78	23.08	22.68	110 B	458	182	88.2	111	56.68	26.88	19.78	24
25	25.28	23.78	23.08	22.68	230 B	440	157	82.4	108	56.38	26.48	19.68	25
26	25.18	23.68	23.08	22.68	580 B	421	154	81.4	107	53.78	26.18	19.48	26
27	25.08	23.68	23.08	22.68	800 B	403	150	80.4	107	51.08	25.68	19.38	27
28	25.08	23.68	23.08	22.68	760 B	388	147	79.3	108	49.28	25.48	19.18	28
29	24.88		23.08	22.68	690 B	372	140	78.2	113	47.08	25.18	18.88	29
30	24.78		23.08	22.68	734	367	137	78.2	117	45.68	24.68	18.78	30
31	24.68		23.08		725		135	74.1		44.08		18.68	31
TOTAL	817.0	674.2	717.4	686.5	5 285.3	17 466	6 782	3 187.5	2 883.1	2 297.0	847.3	657.6	TOTAL
MEAN	26.4	24.1	23.1	22.9	170	583	218	102	96.8	74.1	31.6	21.2	MEAN
MAX	28.3	24.8	23.5	22.9	800	858	342	180	126	116	42.3	24.9	MAX
MIN	24.8	23.8	23.0	22.8	22.9	367	135	74.1	73.1	38.2	24.8	18.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 118
MAXIMUM DAILY, 859 ON JUN 6
MINIMUM DAILY, 18.68 ON DEC 31

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 38 38 N
LONG 126 25 30 W
DRAINAGE AREA, 68 300 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	70 800	JUL	584 000
FEB	58 300	AUG	274 000
MAR	62 000	SEP	288 000
APR	59 200	OCT	198 000
MAY	457 000	NOV	81 600
JUN	1 510 000	DEC	56 800

TOTAL DISCHARGE, 3 670 000 dam³

ANIGAO RIVER BELOW AUDRA LAKE - STATION NO. 08MA007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	0B	0B	0 B	130	28.1	8.08	2.70 B	0.5708	0B	1
2	0B	0B	0B	0B	0B	0 B	124	24.4	8.48	2.60 B	0.5308	0B	2
3	0B	0B	0B	0B	0B	0 B	110	22.8	8.48	2.52 B	0.5008	0B	3
4	0B	0B	0B	0B	0B	0 B	103	23.0	3.68	2.43 B	0.4508	0B	4
5	0B	0B	0B	0B	0B	0 B	100	21.7	4.68	2.35 B	0.4008	0B	5
6	0B	0B	0B	0B	0B	0 B	95.1	22.6	4.98	2.28 B	0.3808	0B	6
7	0B	0B	0B	0B	0B	0 B	91.2	21.3	4.38	2.20 B	0.3408	0B	7
8	0B	0B	0B	0B	0B	0 B	91.2	20.7	5.14	2.13 B	0.3008	0B	8
9	0B	0B	0B	0B	0B	0 B	79.8	18.3	5.10	2.06 B	0.2708	0B	9
10	0B	0B	0B	0B	0B	0 B	72.7	19.2	5.84	2.02 B	0.2408	0B	10
11	0B	0B	0B	0B	0B	0 B	86.6	14.4	5.28	1.93 B	0.2008	0B	11
12	0B	0B	0B	0B	0B	0 B	83.1	14.2	4.08	1.88 B	0.1708	0B	12
13	0B	0B	0B	0B	0B	0 B	80.4	13.8	5.68	1.80 B	0.1508	0B	13
14	0B	0B	0B	0B	0B	5.00B	85.2	13.0	3.68	1.72 B	0.1108	0B	14
15	0B	0B	0B	0B	0B	22.0 B	81.7	11.8	3.68	1.86 B	0.0808	0B	15
16	0B	0B	0B	0B	0B	70.0 B	48.8	13.8	3.66	1.88 B	0.0808	0B	16
17	0B	0B	0B	0B	0B	324	46.8	14.6	3.77	1.48 B	0.0408	0B	17
18	0B	0B	0B	0B	0B	380	48.8	13.6	5.86	1.40 B	0.0308	0B	18
19	0B	0B	0B	0B	0B	364	41.8	11.6	4.46	1.32 B	0.0208	0B	19
20	0B	0B	0B	0B	0B	356	36.4	8.78	6.14	1.26 B	0 B	0B	20
21	0B	0B	0B	0B	0B	326	33.0	8.36	7.21	1.18 B	0 B	0B	21
22	0B	0B	0B	0B	0B	291	30.8	8.87	6.11	1.10 B	0 B	0B	22
23	0B	0B	0B	0B	0B	266	34.1	8.37	3.30	1.05 B	0 B	0B	23
24	0B	0B	0B	0B	0B	243	41.8	7.68	2.88	0.9808	0 B	0B	24
25	0B	0B	0B	0B	0B	221	31.0	6.88	3.82	0.9208	0 B	0B	25
26	0B	0B	0B	0B	0B	199	28.6	8.03	3.03	0.8808	0 B	0B	26
27	0B	0B	0B	0B	0B	183	26.3	8.01	3.02	0.8208	0 B	0B	27
28	0B	0B	0B	0B	0B	167	27.3	7.87	3.02B	0.7808	0 B	0B	28
29	0B		0B	0B	0B	153 A	24.3	7.87	2.80B	0.7208	0 B	0B	29
30	0B		0B	0B	0B	134 A	24.8	8.53	2.60B	0.8508	0 B	0B	30
31	0B		0B		0B		26.4	7.08		0.8068		0B	31
TOTAL	0	0	0	0	0	3 737.00	1 830.2	431.81	133.81	48.980	4.840	0	TOTAL
MEAN	0	0	0	0	0	135	59.0	13.9	4.46	1.58	0.161	0	MEAN
MAX	0	0	0	0	0	380	130	28.1	7.21	2.70	0.570	0	MAX
MIN	0	0	0	0	0	0	24.3	6.01	2.30	0.800	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.8
MAXIMUM DAILY, 380 ON JUN 18
MINIMUM DAILY, 0B ON JAN 1
MAXIMUM INSTANTANEOUS,
388 AT 22:45 CST ON JUN 18

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 13 02 N
LONG 98 34 48 W
DRAINAGE AREA, 2 760 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	158 000
FEB	0	AUG	37 300
MAR	0	SEP	11 500
APR	0	OCT	4 230
MAY	0	NOV	418
JUN	333 000	DEC	0

TOTAL DISCHARGE, 534 000 dam³

APEX RIVER AT APEX - STATION NO. 10UH002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0	0.0	0.0	0.0	0.0	0 B	4.38	1.48	0.915	0.1308	0.0038	0.0	1
2	0.0	0.0	0.0	0.0	0.0	0 B	4.15	1.84	0.885	0.1108	0.0038	0.0	2
3	0.0	0.0	0.0	0.0	0.0	0 B	3.85	1.70	0.793	0.0938	0.0028	0.0	3
4	0.0	0.0	0.0	0.0	0.0	0 B	7.88	1.44	0.738	0.0788	0.0028	0.0	4
5	0.0	0.0	0.0	0.0	0.0	0 B	5.40	1.27	0.888	0.0888	0.0018	0.0	5
6	0.0	0.0	0.0	0.0	0.0	0 B	3.88	1.18	0.887	0.0838	0.0018	0.0	6
7	0.0	0.0	0.0	0.0	0.0	0 B	2.87	1.08	0.884	0.0418	0.0018	0.0	7
8	0.0	0.0	0.0	0.0	0.0	0 B	2.07	1.01	0.838	0.0378	0 B	0.0	8
9	0.0	0.0	0.0	0.0	0.0	0 B	1.78	1.15	0.838	0.0348	0 B	0.0	9
10	0.0	0.0	0.0	0.0	0.0	0 B	1.53	1.20	0.838	0.0318	0 B	0.0	10
11	0.0	0.0	0.0	0.0	0.0	0 B	1.38	1.13	0.838	0.0288	0 B	0.0	11
12	0.0	0.0	0.0	0.0	0.0	0 B	1.28	1.07	0.453	0.0268	0 B	0.0	12
13	0.0	0.0	0.0	0.0	0.0	0 B	1.14	0.888	0.410	0.0228	0 B	0.0	13
14	0.0	0.0	0.0	0.0	0.0	0 B	1.04	0.888	0.428	0.0218	0 B	0.0	14
15	0.0	0.0	0.0	0.0	0.0	0.0088	0.870	1.01	0.448	0.0208	0 B	0.0	15
16	0.0	0.0	0.0	0.0	0.0	0.0188	0.918	0.984	0.430	0.0198	0 B	0.0	16
17	0.0	0.0	0.0	0.0	0.0	0.0478	0.848	1.11	0.438	0.0188	0 B	0.0	17
18	0.0	0.0	0.0	0.0	0.0	0.1808	0.791	1.20	0.382	0.0178	0 B	0.0	18
19	0.0	0.0	0.0	0.0	0.0	0.3808	0.736	1.45	0.413	0.0168	0 B	0.0	19
20	0.0	0.0	0.0	0.0	0.0	0.5008	0.737	1.83	0.437	0.0158	0 B	0.0	20
21	0.0	0.0	0.0	0.0	0.0	1.78 E	0.868	1.28	0.422	0.0148	0 B	0.0	21
22	0.0	0.0	0.0	0.0	0.0	3.80 E	0.819	1.28	0.3868	0.0138	0 B	0.0	22
23	0.0	0.0	0.0	0.0	0.0	7.08 E	0.879	1.67	0.3228	0.0128	0 B	0.0	23
24	0.0	0.0	0.0	0.0	0.0	7.04 A	0.712	1.47	0.2848	0.0118	0 B	0.0	24
25	0.0	0.0	0.0	0.0	0.0	7.20 A	1.81	1.40	0.2588	0.0108	0 B	0.0	25
26	0.0	0.0	0.0	0.0	0.0	5.44 A	1.88	1.14	0.2388	0.0088	0 B	0.0	26
27	0.0	0.0	0.0	0.0	0.0	5.88	1.38	1.00	0.2188	0.0088	0 B	0.0	27
28	0.0	0.0	0.0	0.0	0.0	4.84	1.14	0.938	0.2028	0.0078	0 B	0.0	28
29	0.0		0.0	0.0	0.0	4.32	1.03	0.891	0.1768	0.0068	0 B	0.0	29
30	0.0		0.0	0.0	0.0	4.87	0.915	0.850	0.1638	0.0058	0 B	0.0	30
31	0.0		0.0		0.0		0.883	0.818		0.0048		0.0	31
TOTAL	0	0	0	0	0	83.291	58.888	37.227	14.137	0.872	0.013	0	TOTAL
MEAN	0	0	0	0	0	1.78	1.89	1.20	0.471	0.031	0	0	MEAN
MAX	0	0	0	0	0	7.88	7.88	1.70	0.915	0.130	0.003	0	MAX
MIN	0	0	0	0	0	0	0.879	0.818	0.152	0.004	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.480
MAXIMUM DAILY, 7.88 ON JUL 4
MINIMUM DAILY, 0.0 ON JAN 1
MAXIMUM INSTANTANEOUS,
10.7 AT 13:03 EST ON JUL 4

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 44 03 N
LONG 68 27 15 W
DRAINAGE AREA, 58.5 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	5 070
FEB	0	AUG	3 220
MAR	0	SEP	1 220
APR	0	OCT	84.0
MAY	0	NOV	1.12
JUN	4 800	DEC	0

TOTAL DISCHARGE, 14 200 dam³

ARCTIC RED RIVER NEAR THE MOUTH - STATION NO. 10LA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	16.78	14.48	13.88	13.48	23.18	777	382	181	188	195	31.18	26.88	1
2	16.68	14.38	13.88	13.88	32.68	881	388	188	180	188	30.78	26.48	2
3	16.58	14.38	13.88	13.88	46.08	748	433	178	188	183	30.28	25.38	3
4	16.48	14.38	13.88	13.88	84.08	885	328	180	180	143	30.08	25.38	4
5	16.38	14.38	13.48	13.88	148 B	805	274	378	148	138	29.88	25.28	5
6	16.28	14.38	13.48	13.88	220 B	825	235	488	148	128	28.28	25.18	6
7	16.18	14.18	13.48	13.88	288 B	838	218	380	183	118	28.88	25.08	7
8	16.08	14.08	13.48	13.88	387 B	831	208	308	183	112	28.88	25.08	8
9	15.88	14.08	13.48	13.88	380 B	870	202	278	183	107	28.48	24.88	9
10	15.88	13.88	13.48	13.88	400 B	818	213	418	188	108	28.28	24.68	10
11	15.88	13.88	13.48	13.88	392 B	830	210	422	187	88.8	28.08	24.88	11
12	15.78	13.88	13.48	13.88	380 B	873	214	320	180	88.0	27.88	24.78	12
13	15.88	13.48	13.48	13.78	310 B	438	288	287	207	88.8	27.88	24.68	13
14	15.88	13.88	13.48	13.78	280 B	411	288	238	248	74.3	27.88	24.88	14
15	15.88	13.48	13.48	13.78	232 B	481	220	241	281	84.58	27.38	24.88	15
16	15.48	13.78	13.38	13.78	218 B	842	208	333	277	88.08	27.28	24.48	16
17	15.48	13.78	13.38	13.88	208 B	1 178	188	324	284	82.08	27.18	24.38	17
18	15.38	13.78	13.38	13.88	201 B	1 000	188	278	287	48.08	27.08	24.28	18
19	15.28	13.78	13.38	13.88	208 B	788	173	248	238	48.08	26.88	24.18	19
20	15.28	13.78	13.38	14.08	212 B	858	188	230	213	44.28	26.88	24.08	20
21	15.18	13.78	13.48	14.28	228 B	844	182	218	180	42.38	26.78	24.08	21
22	15.08	13.78	13.48	14.48	258 B	488	188	253	188	40.58	26.68	23.88	22
23	14.88	13.88	13.48	14.78	300 B	388	181	378	188	38.08	26.48	23.68	23
24	14.88	13.88	13.48	15.28	388 B	358	172	377	180	36.08	26.28	23.68	24
25	14.88	13.88	13.48	16.78	400 B	342	171	317	163	38.78	26.18	23.78	25
26	14.88	13.88	13.48	18.48	378 B	484	188	278	138	36.68	26.08	23.68	26
27	14.78	13.58	13.48	17.28	338 B	837	188	238	181	34.58	25.88	23.68	27
28	14.78	13.58	13.48	16.08	318 B	572	188	213	178	32.78	25.68	23.58	28
29	14.88		13.48	15.08	388 B	514	187	188	218	32.58	25.78	23.48	29
30	14.58		13.48	20.38	478	438	248	182	231	32.28	25.88	23.38	30
31	14.48		13.48		808		211	172		31.78		23.38	31
TOTAL	478.8	388.1	415.3	437.7	8 884.8	18 870	8 801	8 887	8 883	2 430.4	828.1	788.8	TOTAL
MEAN	15.5	13.9	13.4	14.8	377	818	223	280	188	78.4	27.8	24.4	MEAN
MAX	16.7	14.4	13.8	20.3	808	1 178	433	488	284	188	31.1	26.5	MAX
MIN	14.4	13.5	13.3	13.4	23.1	342	182	188	138	31.7	25.8	23.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 148
MAXIMUM DAILY, 1 178 ON JUN 17
MINIMUM DAILY, 13.38 ON MAR 18

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 47 18 N
LONG 133 04 48 W
DRAINAGE AREA, 18 800 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	41 400	JUL	588 000
FEB	33 800	AUG	748 000
MAR	35 800	SEP	483 000
APR	37 800	OCT	210 000
MAY	743 000	NOV	71 800
JUN	1 800 000	DEC	85 300

TOTAL DISCHARGE, 4 870 000 dam³

ATITOK CREEK NEAR DISMAL LAKES - STATION NO. 10PC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	0B	0 B	0.2008	1.03	0.178	0.134	0.178	0B	0B	1
2	0B	0B	0B	0B	0 B	0.4008	0.885	0.183	0.134	0.171	0B	0B	2
3	0B	0B	0B	0B	0 B	1.03 B	0.453	0.167	0.134	0.175	0B	0B	3
4	0B	0B	0B	0B	0 B	3.66 B	0.307	0.148	0.138	0.177	0B	0B	4
5	0B	0B	0B	0B	0 B	13.3 B	0.248	0.140	0.152	0.161	0B	0B	5
6	0B	0B	0B	0B	0 B	38.0	0.382	0.137	0.180	0.130A	0B	0B	6
7	0B	0B	0B	0B	0 B	20.2	0.348	0.137	0.168	0.126	0B	0B	7
8	0B	0B	0B	0B	0 B	13.7	0.298	0.134	0.173	0.133A	0B	0B	8
9	0B	0B	0B	0B	0 B	14.7	1.08	0.133	0.185	0.131	0B	0B	9
10	0B	0B	0B	0B	0 B	18.8	0.844	0.132	0.183	0.122	0B	0B	10
11	0B	0B	0B	0B	0 B	18.8	0.388	0.142	0.180	0.117	0B	0B	11
12	0B	0B	0B	0B	0 B	16.8	2.24	0.171	0.185	0.0808	0B	0B	12
13	0B	0B	0B	0B	0 B	13.1	3.85	0.187	0.218	0.0288	0B	0B	13
14	0B	0B	0B	0B	0 B	8.58	2.28	0.182	0.287	0.0218	0B	0B	14
15	0B	0B	0B	0B	0 B	6.80	1.38	0.180	0.338	0.0188	0B	0B	15
16	0B	0B	0B	0B	0 B	4.90	0.748	0.172	0.484	0.0178	0B	0B	16
17	0B	0B	0B	0B	0 B	4.18	0.471	0.185	0.347	0.0188	0B	0B	17
18	0B	0B	0B	0B	0 B	4.04	0.450	0.188	0.284	0.0138	0B	0B	18
19	0B	0B	0B	0B	0 B	3.58	0.315	0.187	0.220	0.0098	0B	0B	19
20	0B	0B	0B	0B	0 B	3.55	0.260	0.185	0.189	0.0088	0B	0B	20
21	0B	0B	0B	0B	0 B	3.23	0.221	0.178	0.230	0.0078	0B	0B	21
22	0B	0B	0B	0B	0 B	2.82	0.207	0.174	0.178	0.0088	0B	0B	22
23	0B	0B	0B	0B	0 B	2.42	0.191	0.168	0.171	0.0088	0B	0B	23
24	0B	0B	0B	0B	0 B	2.74	0.178	0.161	0.178	0.0068	0B	0B	24
25	0B	0B	0B	0B	0 B	2.88	0.188	0.157	0.180	0.0038	0B	0B	25
26	0B	0B	0B	0B	0 B	2.30	0.158	0.148	0.188	0.0038	0B	0B	26
27	0B	0B	0B	0B	0 B	1.85	0.148	0.144	0.182	0.0028	0B	0B	27
28	0B	0B	0B	0B	0 B	1.22	0.183	0.140	0.278	0.0028	0B	0B	28
29	0B		0B	0B	0 B	0.975	0.285	0.138	0.218	0.0028	0B	0B	29
30	0B		0B	0B	0.0808	0.858	0.227	0.137	0.188	0.0018	0B	0B	30
31	0B		0B		0.1008		0.183	0.134		0 B		0B	31
TOTAL	0	0	0	0	0.180	231.883	30.811	4.898	5.188	1.830	0	0	TOTAL
MEAN	0	0	0	0	0.005	7.72	0.871	0.157	0.208	0.059	0	0	MEAN
MAX	0	0	0	0	0.100	38.0	3.85	0.195	0.484	0.177	0	0	MAX
MIN	0	0	0	0	0	0.200	0.148	0.132	0.134	0	0	0	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.728
MAXIMUM DAILY, 38.0 ON JUN 6
MINIMUM DAILY, 0B ON JAN 1
MAXIMUM INSTANTANEOUS,
54.7 AT 18:30 MST ON JUN 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 67 12 53 N
LONG 118 36 32 W
DRAINAGE AREA, 317 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	1 900
FEB	0	AUG	631
MAR	0	SEP	534
APR	0	OCT	188
MAY	13.0	NOV	0
JUN	20 000	DEC	0

TOTAL DISCHARGE, 22 900 dam³

BACK RIVER ABOVE HERMANN RIVER - STATION NO. 10RC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	78.8B	56.0B	46.5B	40.0B	38.0B	37.8B	5 030	1 120	587	418	248	115 B	1
2	78.0B	55.5B	46.2B	39.8B	37.8B	37.7B	4 560	1 080	547	408	242	113 B	2
3	78.0B	55.0B	44.9B	39.8B	37.8B	37.9B	4 240	1 050	544	398	239	109 B	3
4	79.8B	54.5B	44.8B	39.7B	37.8B	38.9B	3 970	1 030	532	395	238	107 B	4
5	78.8B	54.0B	44.3B	39.8B	37.8B	38.8B	3 730	988	527	404	237	104 B	5
6	78.0B	53.6B	44.1B	39.6B	37.7B	39.8B	3 500	950	515	414	234	102 B	6
7	74.0B	53.1B	43.9B	39.4B	37.7B	40.3B	3 280	934	510	401	230	100 B	7
8	73.0B	52.7B	43.8B	39.3B	37.7B	41.4B	3 100	907	505	403	220E	98.0B	8
9	72.4B	52.2B	43.6B	39.2B	37.8B	42.3B	2 940	878	498	402	208E	96.0B	9
10	71.7B	51.8B	43.4B	39.1B	37.6B	43.7B	2 780	858	483	402	201E	94.0B	10
11	70.7B	51.4B	43.2B	39.0B	37.6B	45.1B	2 610	838	482	398	1980	92.3B	11
12	70.0B	51.0B	43.0B	38.9B	37.6B	46.6B	2 480	820	477	394	1885	90.4B	12
13	69.4B	50.8B	42.7B	38.8B	37.6B	48.2B	2 350	805	472	387	1838	88.6B	13
14	68.5B	50.2B	42.5B	38.6B	37.5B	52.6B	2 240	781	461	383	1748	86.8B	14
15	67.8B	49.8B	42.3B	38.7B	37.6B	56.3B	2 140	768	456	383	1738	85.0B	15
16	66.8B	49.4B	42.1B	38.6B	37.6B	61.8B	2 060	753	458	382	1688	83.8B	16
17	66.0B	49.0B	42.0B	38.5B	37.8B	70.0B	1 980	738	460	383	1638	82.2B	17
18	66.3B	48.7B	41.8B	38.5B	37.4B	105 B	1 890	728	455	380	1588	80.8B	18
19	64.5B	48.3B	41.7B	38.4B	37.4B	175 B	1 790	710	459	379	1588	78.4B	19
20	63.7B	47.9B	41.5B	38.3B	37.4B	280 B	1 710	698	458	381	1518	76.0B	20
21	63.0B	47.6B	41.3B	38.3B	37.4B	480 B	1 650	688	458	378	1478	78.6B	21
22	62.3B	47.3B	41.1B	38.2B	37.4B	800 B	1 590	678	447	370	1438	75.6B	22
23	61.6B	47.0B	41.0B	38.2B	37.3B	1 350	1 520	668	440	364	1388	74.4B	23
24	60.8B	46.7B	40.8B	38.1B	37.3B	1 900	1 450	658	443	363	1368	73.2B	24
25	60.1B	46.4B	40.6B	38.1B	37.3B	3 370	1 400	644	437	338	1328	72.0B	25
26	59.5B	46.2B	40.5B	38.1B	37.3B	4 760	1 370	628	430	323	1288	71.0B	26
27	58.9B	46.0B	40.4B	38.1B	37.3B	5 240	1 320	617	432	308	1268	70.0B	27
28	58.3B	45.8B	40.4B	38.0B	37.3B	5 170	1 280	603	438	288	1248	68.0B	28
29	57.7B		40.3B	38.0B	37.3B	5 280	1 230	591	435	280	1208	68.0B	29
30	57.1B		40.2B	38.0B	37.4B	5 600	1 190	580	430	280	1188	67.0B	30
31	56.5B		40.1B		37.5B		1 140	567		286		66.0B	31
TOTAL	2 063.7	1 407.7	1 312.8	1 183.2	1 183.4	35 229.3	73 610	24 348	14 238	11 488	5 327	2 686.0	TOTAL
MEAN	67.2	50.3	42.3	38.8	37.8	1 170	2 370	788	475	370	178	88.1	MEAN
MAX	78.8	56.0	46.5	40.0	38.0	5 600	5 030	1 120	587	418	248	115	MAX
MIN	56.5	45.8	40.1	38.0	37.3	37.8	1 140	567	420	286	118	66.0	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 478
MAXIMUM DAILY, 5 600 ON JUN 30
MINIMUM DAILY, 37.3B ON MAY 23
MAXIMUM INSTANTANEOUS,
5 720 AT 04:26 CST ON JUN 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 66 05 10 N
LONG 66 30 15 W
DRAINAGE AREA, 83 900 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	180 000	JUL	8 350 000
FEB	122 000	AUG	2 100 000
MAR	113 000	SEP	1 230 000
APR	101 000	OCT	990 000
MAY	101 000	NOV	460 000
JUN	3 040 000	DEC	231 000

TOTAL DISCHARGE, 15 900 000 dam³

REMARKS - FORMERLY PUBLISHED AS "BELOW DEEP ROSE LAKE"

BACK RIVER BELOW BEECHY LAKE - STATION NO. 10RA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	14.0 B	5.788	3.678	3.638	5.138	32.78	480	284	178	189	75.8B	38.1B	1
2	13.8 B	5.678	3.888	3.888	5.218	35.08	462	288	178	184	72.6B	35.1B	2
3	13.0 B	5.858	3.848	3.868	5.288	37.38	438	287	188	183	73.1B	34.2B	3
4	12.8 B	5.638	3.838	3.838	5.388	31.38	416	278	183	148	70.8B	33.3B	4
5	13.1 B	5.308	3.918	3.868	5.818	37.08	403	274	181	142	86.8B	32.3B	5
6	11.6 B	5.188	3.888	3.888	5.678	80.28	388	284	187	138	87.1B	31.9B	6
7	11.1 B	5.088	3.868	3.728	5.638	124 B	372	285	173	134	88.4B	30.6B	7
8	10.6 B	5.018	3.868	3.788	5.878	188 B	341	288	184	131	83.6B	30.1B	8
9	10.1 B	4.888	3.848	3.788	6.138	310 B	347	248	187	128	83.1B	28.3B	9
10	9.808	4.808	3.838	3.818	8.288	510 B	332	243	208	127	80.4B	28.8B	10
11	9.538	4.888	3.818	3.848	8.438	862	320	231	220	121	88.1B	27.8B	11
12	9.238	4.808	3.808	3.888	8.688	1 030	308	228	232	130	87.7B	27.1B	12
13	8.948	4.748	3.788	3.818	8.788	1 210	288	227	230	118	86.4B	26.3B	13
14	8.688	4.888	3.778	3.848	8.888	1 270	284	218	218	118	85.0B	25.8B	14
15	8.378	4.868	3.788	3.878	7.048	1 230	278	218	218	113	83.7B	24.8B	15
16	8.088	4.888	3.738	4.008	7.208	1 180	270	214	223	110	82.4B	24.3B	16
17	7.788	4.838	3.728	4.068	7.508	1 080	261	218	224	108	81.0B	23.7B	17
18	7.508	4.488	3.708	4.158	7.908	986	254	218	223	104	49.7B	23.3B	18
19	7.388	4.428	3.888	4.238	8.068	878	237	218	218	102	48.3B	22.8B	19
20	7.288	4.378	3.878	4.308	8.408	808	227	219	234	100 B	47.0B	22.4B	20
21	7.138	4.338	3.888	4.388	8.008	781 A	233	218	218	88.8B	46.0B	21.8B	21
22	7.018	4.278	3.848	4.458	9.608	703 A	233	220	197	97.0	45.0B	21.8B	22
23	6.888	4.218	3.828	4.538	10.4 B	680	238	217	187	86.8B	44.0B	21.0B	23
24	6.778	4.188	3.818	4.808	11.3 B	858	248	208	188	82.8B	43.0B	20.8B	24
25	6.868	4.118	3.888	4.888	12.2 B	841	258	193	188	80.3B	42.0B	20.1B	25
26	6.528	4.068	3.888	4.788	13.2 B	811	286	189	178	88.0B	41.0B	19.8B	26
27	6.408	4.008	3.888	4.838	14.7 B	883	282	204	182	86.8B	40.0B	19.1B	27
28	6.288	3.988	3.858	4.918	16.0 B	853	288	202	184	84.2B	39.0B	18.7B	28
29	6.188		3.838	4.888	17.2 B	824	247	188	178	82.0B	38.0B	18.2B	29
30	6.048		3.828	5.088	18.0 B	800	261	190	188	80.0B	37.0B	17.7B	30
31	5.918		3.808		30.7 B		258	184		78.8B		17.2B	31
TOTAL	272.78	132.04	118.78	124.21	283.88	18 034.4	9 483	7 071	5 888	3 488.2	1 834.8	788.0	TOTAL
MEAN	8.80	4.72	3.73	4.14	9.12	601	308	228	198	113	84.2	25.3	MEAN
MAX	14.0	5.78	3.87	5.08	30.7	1 270	480	278	234	188	75.8	38.1	MAX
MIN	5.91	3.98	3.80	3.83	5.13	33.7	227	184	187	78.8	37.0	17.2	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 130
MAXIMUM DAILY, 1 270 ON JUN 14
MINIMUM DAILY, 3.808 ON MAR 31
MAXIMUM INSTANTANEOUS,
1 310 AT 05:37 MST ON JUN 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 65 11 34 N
LONG 108 04 38 W
DRAINAGE AREA, 19 800 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	33 800	JUL	819 000
FEB	11 400	AUG	611 000
MAR	10 000	SEP	506 000
APR	10 700	OCT	302 000
MAY	24 400	NOV	140 000
JUN	1 580 000	DEC	67 800

TOTAL DISCHARGE, 4 090 000 dam³

BAILLIE RIVER NEAR THE MOUTH - STATION NO. 10RA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.588	2.668	2.018	1.788	1.808	12.68	207	118 E	78.2	74.8	37.08	13.7 B	1
2	7.388	2.788	2.008	1.748	1.808	14.38	187	118 E	78.7	72.2	36.48	13.2 B	2
3	7.008	2.658	2.008	1.738	1.808	17.08	188	117 E	72.8	74.7	34.08	12.8 B	3
4	8.758	2.648	1.888	1.728	1.808	20.88	178	121 E	72.8	78.4	32.88	12.3 B	4
5	8.808	2.438	1.888	1.718	1.808	28.08	187	118 E	88.8	76.4	31.18	11.8 B	5
6	8.258	2.318	1.878	1.708	1.808	87.08	188	118 E	88.8A	73.1	30.18	11.8 B	6
7	8.008	2.208	1.888	1.708	1.808	238 B	182	111 E	78.1E	70.8	28.38	11.8 B	7
8	8.838	2.198	1.888	1.888	1.808	778 B	184	108 E	88.4E	88.1	27.88	10.7 B	8
9	8.878	2.188	1.848	1.888	1.808	1 080 B	137	102 E	88.7E	73.4	27.08	10.4 B	9
10	8.508	2.178	1.848	1.878	1.818	1 780	130	98.8E	83.0E	81.7	28.88	10.1 B	10
11	8.338	2.178	1.838	1.888	1.838	1 810	121	83.8A	88.8E	77.8	28.88	9.888	11
12	8.178	2.168	1.828	1.868	1.878	1 840	114	83.8E	87.7E	76.2	24.88	9.618	12
13	8.008	2.158	1.818	1.858	1.908	1 820	107	83.1E	88.8E	78.1	24.08	9.228	13
14	4.888	2.148	1.808	1.848	1.838	1 810	88.8	88.8E	88.8E	74.2	23.08	8.838	14
15	4.788	2.138	1.888	1.838	1.878	1 280	84.8	88.8E	88.4E	73.4	22.78	8.848	15
16	4.878	2.128	1.888	1.838	1.788	1 080	80.0	88.3A	88.1E	72.0	22.18	8.288	16
17	4.588	2.118	1.888	1.818	1.738	882	88.4	91.3	88.8E	88.8	21.88	8.008	17
18	4.448	2.118	1.878	1.808	1.778	738	83.1	88.0	88.1E	87.8	21.08	7.778	18
19	4.338	2.108	1.868	1.888	1.888	617	78.1	88.4	88.4E	88.8	20.88	7.488	19
20	4.228	2.088	1.858	1.858	1.958	535	78.4	92.8	103 A	87.8	20.18	7.198	20
21	4.118	2.088	1.848	1.848	2.108	488	74.7	88.7	88.4	87.8	19.48	8.888	21
22	4.008	2.078	1.838	1.878	3.408	413	81.7	88.8	87.8	82.88	18.78	8.578	22
23	3.898	2.068	1.828	1.888	3.008	378	88.8	82.3	88.1	88.48	18.18	8.288	23
24	3.788	2.088	1.828	1.858	4.008	358	114	78.4	88.8	88.78	17.48	8.848	24
25	3.888	2.058	1.818	1.848	4.758	324	138	77.3	78.2	82.78	16.78	8.838	25
26	3.558	2.048	1.808	1.838	5.438	298	128	77.8	73.8	48.88	16.08	8.338	26
27	3.448	2.038	1.788	1.828	6.108	274	124 A	78.2	74.2	47.28	15.38	8.088	27
28	3.338	2.028	1.788	1.828	7.508	251	120 E	81.8	78.8	44.88	14.88	8.888	28
29	3.228		1.778	1.818	8.758	233	114 E	81.3	80.4	42.88	14.88	8.788	29
30	3.108		1.788	1.808	10.0 B	218	118 E	78.8	77.8	40.88	14.08	8.838	30
31	2.888		1.788		11.0 B		118 E	78.8		38.18		8.518	31
TOTAL	180.83	81.89	88.41	48.71	98.88	18 843.3	3 833.0	2 842.3	2 582.8	2 033.4	701.8	283.12	TOTAL
MEAN	4.87	2.21	1.88	1.83	3.13	888	123	84.8	88.4	88.3	23.4	8.48	MEAN
MAX	7.88	2.88	2.01	1.78	11.0	1 840	207	121	103	81.7	37.0	13.7	MAX
MIN	2.88	2.02	1.78	1.80	1.80	13.8	74.7	77.3	88.8	38.1	14.8	8.81	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 88.7
MAXIMUM DAILY, 1 840 ON JUN 12
MINIMUM DAILY, 1.808 ON APR 30
MAXIMUM INSTANTANEOUS,
2 080 AT 10:32 MST ON JUN 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 65 02 38 N
LONG 104 30 48 W
DRAINAGE AREA, 14 500 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	13 000	JUL	230 000
FEB	5 380	AUG	284 000
MAR	5 080	SEP	221 000
APR	4 210	OCT	178 000
MAY	8 380	NOV	80 600
JUN	1 700 000	DEC	32 700

TOTAL DISCHARGE, 2 800 000 dam³

BAKER CREEK AT OUTLET OF LOWER MARTIN LAKE - STATION NO. 07SB013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.160	0.118	0.031	0.024	0.118	1.04	0.188	0.023	0.001	0	0	0	1
2	0.159	0.117	0.031	0.026	0.146	0.981	0.187	0.022	0.001	0	0	0	2
3	0.159	0.115	0.030	0.025	0.173	0.917	0.142	0.020	0.001	0	0	0	3
4	0.158	0.114	0.027	0.024	0.204	0.833	0.127	0.019	0.001	0	0	0	4
5	0.159	0.113	0.026	0.024	0.252	0.778	0.130	0.018	0.001	0	0	0	5
6	0.158	0.108	0.026	0.027	0.333	0.731	0.125	0.018	0.001	0	0	0	6
7	0.158	0.104	0.027	0.027	0.484	0.682	0.118	0.017	0	0	0	0	7
8	0.157	0.101	0.025	0.027	0.608	0.643	0.105	0.014	0	0	0	0	8
9	0.155	0.097	0.025	0.030	0.821	0.578	0.090	0.012	0	0	0	0	9
10	0.153	0.094	0.024	0.031	1.04	0.538	0.078	0.012	0	0	0	0	10
11	0.150	0.088	0.023	0.032	1.22	0.514	0.070	0.010	0	0	0	0	11
12	0.148	0.087	0.023	0.034	1.42	0.487	0.064	0.010	0	0	0	0	12
13	0.145	0.092	0.022	0.034	1.53	0.488	0.055	0.008	0	0	0	0	13
14	0.141	0.084	0.022	0.035	1.64	0.428	0.047	0.006	0	0	0	0	14
15	0.138	0.078	0.022	0.032	1.68	0.377	0.038	0.006	0	0	0	0	15
16	0.135	0.078	0.021	0.034	1.72	0.344	0.024	0.005	0	0	0	0	16
17	0.135	0.077	0.020	0.036	1.78	0.330	0.028	0.004	0	0	0	0	17
18	0.135	0.075	0.020	0.036	1.81	0.332	0.028	0.003	0	0	0	0	18
19	0.132	0.070	0.020	0.038	1.82	0.342	0.027	0.003	0	0	0	0	19
20	0.126	0.064	0.018	0.038	1.77	0.355	0.030	0.002	0	0	0	0	20
21	0.123	0.058	0.020	0.041	1.76	0.351	0.031	0.002	0	0	0	0	21
22	0.123	0.054	0.021	0.042	1.75	0.318	0.044	0.002	0	0	0	0	22
23	0.122	0.050	0.021	0.041	1.68	0.283	0.055	0.002	0	0	0	0	23
24	0.122	0.046	0.020	0.041	1.58	0.274	0.053	0.002	0	0	0	0	24
25	0.122	0.042	0.020	0.043	1.53	0.268	0.053	0.001	0	0	0	0	25
26	0.122	0.038	0.020	0.045	1.47	0.238	0.040	0.001	0	0	0	0	26
27	0.122	0.035	0.020	0.046	1.37	0.215	0.044	0.001	0	0	0	0	27
28	0.122	0.034	0.020	0.052	1.34	0.183	0.035	0.001	0	0	0	0	28
29	0.122		0.021	0.060	1.27	0.188	0.028	0.001	0	0	0	0	29
30	0.121		0.023	0.084	1.24	0.213	0.025	0.001	0	0	0	0	30
31	0.121		0.023		1.13		0.024	0.001		0		0	31
TOTAL	4.303	2.282	0.717	1.112	35.855	14.264	2.127	0.244	0.006	0	0	0	TOTAL
MEAN	0.139	0.081	0.023	0.037	1.16	0.475	0.069	0.008	0	0	0	0	MEAN
MAX	0.160	0.118	0.031	0.084	1.82	1.04	0.188	0.023	0.001	0	0	0	MAX
MIN	0.121	0.034	0.018	0.024	0.118	0.183	0.024	0.001	0	0	0	0	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.169
MAXIMUM DAILY, 1.82 ON MAY 19
MINIMUM DAILY, 0 ON SEP 7
MAXIMUM INSTANTANEOUS,
1.83 AT 15:53 MST ON MAY 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 30 46 N
LONG 114 24 13 W
DRAINAGE AREA, 121 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	372	JUL	184
FEB	195	AUG	21.1
MAR	61.9	SEP	0.52
APR	96.1	OCT	0
MAY	3 170	NOV	0
JUN	1 230	DEC	0

TOTAL DISCHARGE, 5 330 dam³

BAKER LAKE AT BAKER LAKE - STATION NO. 06MA001

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.660	7.780	7.550	7.385	7.426	7.523	8.493	8.125	7.816E	7.793	7.850	7.590	1
2	7.630	7.782	7.558	7.385	7.415	7.520	8.524	8.115	7.818E	7.797	7.511	7.605	2
3	7.605	7.733	7.559	7.422	7.384A	7.532	8.535	8.106	7.822E	7.788	7.499	7.625	3
4	7.600	7.687	7.549	7.433	7.385	7.549	8.542	8.098	7.835E	7.802	7.517	7.655	4
5	7.626	7.660	7.508	7.442	7.420	7.564	8.535	8.107	7.841A	7.828	7.544	7.664	5
6	7.635A	7.642	7.473	7.451	7.440	7.583	8.526	8.075	7.855	7.791	7.587	7.670	6
7	7.641E	7.630	7.485	7.449	7.443	7.602	8.502	8.050	7.857	7.692	7.608	7.674	7
8	7.648E	7.680	7.452	7.457	7.462	7.583	8.488	8.002	7.824	7.656	7.652	7.682	8
9	7.655E	7.688	7.421	7.460	7.484	7.580	8.458	7.974	7.786	7.647	7.677	7.685	9
10	7.655E	7.684	7.403	7.463	7.461	7.562	8.432	7.962	7.763	7.647	7.680	7.680	10
11	7.650E	7.685	7.384	7.469	7.439	7.552	8.372	7.931	7.684	7.655	7.709	7.679	11
12	7.640E	7.705	7.376	7.486	7.441	7.556	8.311	7.906	7.664	7.658	7.807	7.687	12
13	7.630E	7.709	7.352	7.488	7.447	7.574	8.227	7.885	7.671	7.673	7.848	7.698	13
14	7.620E	7.722	7.404	7.484	7.438	7.619	8.176	7.825	7.703	7.703	7.838	7.697	14
15	7.610E	7.712	7.453	7.470	7.418	7.690	8.137	7.838	7.764	7.708	7.805	7.686	15
16	7.600E	7.663	7.489	7.486	7.409	7.768	8.142	7.851	7.794	7.686	7.764	7.705	16
17	7.595E	7.622	7.489	7.489	7.410	7.867	8.165	7.858	7.825	7.661	7.752	7.720	17
18	7.588E	7.564	7.488	7.561	7.413	7.937	8.184	7.844	7.853	7.711	7.719	7.735	18
19	7.583E	7.523	7.487	7.578	7.436	8.029	8.173	7.837	7.833	7.692	7.710	7.730	19
20	7.580E	7.561	7.473	7.593	7.456	8.158	8.204	7.850	7.811	7.695	7.680	7.684	20
21	7.578E	7.585	7.486	7.602	7.453	8.301	8.212	7.861	7.769	7.722	7.640	7.646	21
22	7.578E	7.599	7.474	7.587	7.450	8.411	8.237	7.883	7.724	7.722	7.605	7.611	22
23	7.578E	7.602	7.471	7.575	7.489	8.473	8.250	7.886	7.779	7.702	7.574	7.580	23
24	7.580E	7.587	7.487	7.578	7.503	8.498	8.305	7.890	7.805	7.689	7.608	7.529	24
25	7.585E	7.561	7.466	7.582	7.522	8.517	8.272	7.881	7.728	7.701	7.569	7.507	25
26	7.600E	7.538	7.447	7.574	7.522	8.528	8.187	7.885	7.746	7.630	7.566	7.522	26
27	7.612A	7.522	7.418	7.544	7.516	8.524	8.161	7.876	7.836	7.628	7.548	7.550	27
28	7.648	7.646	7.386	7.535	7.513	8.505	8.125	7.842A	7.772	7.612	7.620	7.561	28
29	7.687		7.388	7.507	7.520	8.488	8.103	7.830E	7.734	7.612	7.625	7.566	29
30	7.701		7.384	7.474	7.536	8.477	8.120	7.820E	7.736	7.604	7.660	7.593	30
31	7.709		7.386		7.526		8.122	7.816E		7.588		7.615	31
MEAN	7.623	7.637	7.464	7.496	7.456	7.936	8.286	7.926	7.762	7.684	7.637	7.642	MEAN
MAX	7.709	7.782	7.559	7.602	7.536	8.528	8.542	8.125	7.859	7.828	7.848	7.735	MAX
MIN	7.578	7.522	7.352	7.385	7.384	7.520	8.102	7.816	7.671	7.588	7.499	7.507	MIN

SUMMARY FOR THE YEAR 1989

WATER LEVELS IN METRES

MEAN, 7.716
MAXIMUM DAILY, 8.542 ON JUL 4
MINIMUM DAILY, 7.352 ON MAR 13
MAXIMUM INSTANTANEOUS,
8.563 AT 11:33 CST ON JUL 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 19 10 N
LONG 96 01 50 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

BIG SMITH CREEK NEAR HIGHWAY NO. 1 - STATION NO. 10HC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.288B	0.252B	0.242B	0.239B	55.0B	11.7	8.87	3.82	2.35	5.06	1.36 B	0.787B	1
2	0.285B	0.252B	0.242B	0.239B	52.0B	11.5	10.5	3.47	2.15	5.06	1.32 B	0.778B	2
3	0.281B	0.251B	0.242B	0.239B	56.6A	11.5	8.09	3.23	2.07	4.94	1.29 B	0.763B	3
4	0.277B	0.251B	0.242B	0.239B	60.0B	11.5	8.78	3.49	1.88	5.19	1.27 B	0.755B	4
5	0.274B	0.251B	0.242B	0.240B	57.0B	12.6	8.05	4.33	1.86	5.66	1.24 B	0.745B	5
6	0.271B	0.250B	0.242B	0.240B	54.4	18.0	8.48	4.25	1.82	6.12	1.21 B	0.736B	6
7	0.268B	0.250B	0.242B	0.240B	50.8	26.6	7.83	4.28	1.77	6.26	1.18 B	0.726B	7
8	0.267B	0.250B	0.241B	0.240B	46.1	26.6	7.10	4.05	1.78	6.07	1.16 B	0.717B	8
9	0.266B	0.250B	0.241B	0.240B	41.6	25.9	6.42	3.80	1.78	5.86	1.14 B	0.708B	9
10	0.264B	0.249B	0.241B	0.241B	38.7	22.6	5.71	3.66	1.79	5.80	1.11 B	0.700B	10
11	0.263B	0.249B	0.241B	0.241B	30.3	18.3	5.19	3.88	1.81	5.44	1.09 B	0.692B	11
12	0.262B	0.249B	0.241B	0.242B	24.6	15.2	4.88	3.66	1.82	5.42	1.07 B	0.683B	12
13	0.261B	0.249B	0.241B	0.244B	20.2	12.8	4.57	3.42	2.06	5.21	1.05 B	0.674B	13
14	0.261B	0.248B	0.241B	0.246B	20.0	11.8	4.23	3.14	2.54	3.80B	1.03 B	0.665B	14
15	0.260B	0.248B	0.241B	0.247B	21.0	21.8	3.89	2.98	3.33	2.90B	1.01 B	0.657B	15
16	0.260B	0.248B	0.240B	0.250B	22.0	78.1	3.52	2.81	4.65	2.87B	0.993B	0.651B	16
17	0.260B	0.247B	0.240B	0.252B	23.0	60.6	3.25	2.66	5.62	2.46B	0.977B	0.644B	17
18	0.259B	0.247B	0.240B	0.255B	23.7	61.9	3.03	2.56	6.26	2.31B	0.960B	0.637B	18
19	0.259B	0.247B	0.240B	0.259B	25.9	82.2	3.14	2.75	6.05	2.16B	0.943B	0.630B	19
20	0.258B	0.246B	0.240B	0.264B	37.1	76.0	3.11	3.67	5.51	2.05B	0.925B	0.623B	20
21	0.258B	0.246B	0.240B	0.273B	42.1	63.9	2.88	4.78	5.13	1.96B	0.910B	0.616B	21
22	0.257B	0.245B	0.240B	0.282B	41.5	52.5	2.84	4.84	4.71	1.86B	0.900B	0.608B	22
23	0.257B	0.245B	0.240B	0.297B	36.9	42.1	2.83	5.02	4.48	1.80B	0.885B	0.600B	23
24	0.256B	0.244B	0.239B	0.314B	34.5	23.7	2.54	5.00	4.11	1.73B	0.870B	0.594B	24
25	0.255B	0.244B	0.239B	0.346B	29.4	28.6	2.32	4.66	3.90	1.67B	0.855B	0.588B	25
26	0.255B	0.244B	0.238B	0.500B	24.7	21.2	2.19	4.10	3.73	1.61B	0.840B	0.583B	26
27	0.254B	0.243B	0.238B	1.20 B	20.7	17.4	2.16	3.61	3.65	1.56B	0.830B	0.577B	27
28	0.254B	0.243B	0.238B	3.70 B	17.9	14.6	2.83	3.25	4.37	1.52B	0.820B	0.570B	28
29	0.253B		0.238B	12.0 B	15.7	12.1	3.15	2.87	4.58	1.47B	0.810B	0.564B	29
30	0.253B		0.238B	32.0 B	14.1	10.4	3.67	2.73	4.87	1.44B	0.800B	0.556B	30
31	0.253B		0.238B		12.8		3.78	2.52		1.40B		0.550B	31
TOTAL	8.148	6.938	7.455	55.613	1 056.7	951.0	153.98	113.53	103.03	108.22	30.848	20.378	TOTAL
MEAN	0.263	0.248	0.240	1.86	34.1	31.7	4.97	3.66	3.43	3.49	1.03	0.657	MEAN
MAX	0.288	0.252	0.242	32.0	60.0	82.2	10.5	5.02	6.26	6.26	1.36	0.787	MAX
MIN	0.253	0.243	0.238	0.239	12.8	10.4	2.14	2.52	1.77	1.40	0.800	0.550	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.17
MAXIMUM DAILY, 82.2 ON JUN 19
MINIMUM DAILY, 0.238B ON MAR 26
MAXIMUM INSTANTANEOUS,
87.6 AT 15:25 MST ON JUN 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 35 46 N
LONG 124 50 13 W
DRAINAGE AREA, 886 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	704	JUL	13 300
FEB	599	AUG	9 810
MAR	644	SEP	8 900
APR	4 820	OCT	9 350
MAY	91 300	NOV	2 670
JUN	82 200	DEC	1 760

TOTAL DISCHARGE, 226 000 dam³

BIRCH RIVER AT HIGHWAY NO. 7 - STATION NO. 10ED003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.150B	0.063B	0.060B	0.054B	20.8	4.84	1.48	1.45	0.384	0.346	0.340B	0.185B	1
2	0.130B	0.063B	0.060B	0.054B	25.4	4.56	1.47	1.26	0.332	0.353	0.345B	0.180B	2
3	0.120B	0.063B	0.060B	0.053B	23.2	4.38	1.61	1.16	0.266	0.356	0.340B	0.165B	3
4	0.110B	0.063B	0.060B	0.053B	21.6	3.88	1.53	1.13	0.234	0.354	0.335B	0.150B	4
5	0.105B	0.063B	0.060B	0.053B	19.7	3.55	1.61	0.984	0.189	0.349	0.330B	0.141B	5
6	0.105B	0.063B	0.060B	0.053B	17.8	3.56	1.56	0.898	0.148	0.345	0.320B	0.130B	6
7	0.100B	0.063B	0.060B	0.051B	16.3	3.78	1.82	0.853	0.142	0.340	0.310B	0.115B	7
8	0.095B	0.063B	0.060B	0.050B	14.7	4.04	1.87	0.855	0.136	0.335	0.305B	0.115B	8
9	0.093B	0.063B	0.060B	0.053B	14.5	3.64	1.53	0.838	0.137	0.316	0.300B	0.117B	9
10	0.091B	0.063B	0.060B	0.056B	15.3	3.51	1.49	0.734	0.128	0.319	0.297B	0.113B	10
11	0.088B	0.062B	0.059B	0.060B	15.5	3.11	1.26	0.616	0.126	0.361	0.285B	0.108B	11
12	0.086B	0.062B	0.059B	0.065B	16.5	2.72	1.11	0.527	0.128	0.396	0.282B	0.115B	12
13	0.082B	0.062B	0.059B	0.075B	17.6	2.38	0.974	0.455	0.126	0.503	0.280B	0.117B	13
14	0.080B	0.062B	0.059B	0.085B	18.9	2.21	0.872	0.359	0.126	0.644B	0.280B	0.121B	14
15	0.078B	0.062B	0.059B	0.088B	20.1	2.88	0.733	0.254	0.113	0.690B	0.288B	0.116B	15
16	0.075B	0.062B	0.058B	0.100B	20.5	4.63	0.647	0.238	0.107	0.720B	0.285B	0.115B	16
17	0.072B	0.061B	0.058B	0.120B	28.1	4.61	0.622	0.208	0.102	0.734B	0.282B	0.110B	17
18	0.069B	0.061B	0.058B	0.095B	33.2	4.34	0.565	0.152	0.092	0.725B	0.275B	0.107B	18
19	0.068B	0.061B	0.058B	0.160B	28.6	4.31	0.534	0.123	0.085	0.642B	0.260B	0.102B	19
20	0.066B	0.061B	0.058B	0.140B	23.3	4.41	0.531	0.171	0.098	0.608B	0.246B	0.089B	20
21	0.066B	0.061B	0.057B	0.155B	17.8	4.23	0.498	0.524	0.121	0.534B	0.235B	0.081B	21
22	0.066B	0.061B	0.057B	0.140B	14.6	3.88	0.598	0.664	0.141	0.423B	0.228B	0.082B	22
23	0.065B	0.061B	0.057B	0.185B	12.5	3.56	0.650	0.765	0.224	0.410B	0.225B	0.090B	23
24	0.065B	0.061B	0.057B	0.385B	10.7	3.07	2.61	0.663	0.327	0.420B	0.224B	0.095B	24
25	0.065B	0.061B	0.055B	1.10 B	8.37	2.90	4.00	0.821	0.333	0.400B	0.230B	0.105B	25
26	0.064B	0.061B	0.055B	3.00 B	8.05	2.13	3.77	0.881	0.337	0.352B	0.226B	0.114B	26
27	0.064B	0.060B	0.055B	8.00 B	7.05	1.60	3.06	0.776	0.341	0.340B	0.226B	0.119B	27
28	0.064B	0.060B	0.055B	24.5 B	6.46	1.56	2.61	0.662	0.346	0.310B	0.223B	0.120B	28
29	0.064B		0.055B	31.7 B	5.84	1.46	2.35	0.605	0.351	0.315B	0.218B	0.124B	29
30	0.064B		0.055B	33.2	5.05	1.46	2.12	0.528	0.351	0.325B	0.206B	0.115B	30
31	0.064B		0.055B		4.76		1.62	0.462		0.330B		0.110B	31
TOTAL	2.574	1.733	1.803	102.883	521.24	101.06	48.404	21.189	6.102	13.623	8.275	3.676	TOTAL
MEAN	0.083	0.062	0.058	3.43	16.8	3.40	1.56	0.683	0.203	0.439	0.276	0.119	MEAN
MAX	0.150	0.063	0.060	33.2	33.2	4.84	4.00	1.45	0.384	0.734	0.345	0.185	MAX
MIN	0.064	0.060	0.055	0.050	4.76	1.46	0.498	0.123	0.085	0.310	0.206	0.081	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.28
MAXIMUM DAILY, 33.2 ON MAY 18
MINIMUM DAILY, 0.050B ON APR 8
MAXIMUM INSTANTANEOUS,
33.6 AT 03:00 MST ON MAY 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 20 13 N
LONG 122 05 12 W
DRAINAGE AREA, 542 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	222	JUL	4 180
FEB	150	AUG	1 830
MAR	156	SEP	527
APR	8 880	OCT	1 180
MAY	45 000	NOV	715
JUN	8 810	DEC	318

TOTAL DISCHARGE, 72 100 dam³

REMARKS - FORMERLY PUBLISHED AS "AT FORT LIARD HIGHWAY"

BLACKWATER RIVER AT OUTLET OF BLACKWATER LAKE - STATION NO. 10HC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.058	5.008	4.408	3.788	70.0E	213	161	81.2	25.8	14.1	12.1 B	8.388	1
2	5.358	5.038	4.388	3.748	84.0E	204	154	80.1	25.1	14.3	12.0 B	8.308	2
3	5.058	5.048	4.388	3.738	115 E	197	147	68.5	24.2	14.7	12.1 B	8.258	3
4	5.808	5.028	4.338	3.718	138 A	191	142	68.4	24.2	15.2	11.8 B	8.198	4
5	5.858	5.008	4.308	3.708	155	188	138	67.4	23.5	15.2	12.0 B	8.138	5
6	6.308	4.878	4.288	3.888	158	185	131	48.3	21.7	15.3	11.8 B	8.078	6
7	6.058	4.848	4.258	3.878	200	188	128	48.4	21.5	15.8	11.7 B	8.018	7
8	7.808	4.828	4.238	3.888	208	194	120	44.8	21.1	15.8	11.0 B	8.008	8
9	7.558	4.908	4.308	3.858	218	186	118	43.1	20.7	15.5	10.8 B	8.008	9
10	7.358	4.878	4.188	3.848	228	189	111	41.7	19.8	15.8	10.8 B	8.708	10
11	7.158	4.848	4.188	3.828	241	188	108	40.8	19.4	17.2	10.4 B	8.808	11
12	6.858	4.828	4.138	3.818	248	194	101	40.1	18.8	17.3	10.3 B	8.408	12
13	6.608	4.808	4.108	3.808	250	187	98.3	38.1	18.5	17.3	10.3 B	8.458	13
14	6.808	4.788	4.088	3.888	251	178	92.0	36.2	18.7	17.2	10.2 B	8.408	14
15	6.408	4.788	4.068	3.878	252	177	87.7	37.0	18.8	16.8	10.2 B	8.308	15
16	6.208	4.728	4.048	3.858	256	188	84.8	38.1	18.2	15.9	10.1 B	8.258	16
17	6.058	4.708	4.028	3.848	268	202	81.8	38.1	17.8	15.6	10.0 B	8.188	17
18	5.858	4.688	4.008	3.828	278	220	78.9	34.8	17.8	15.9	9.868	8.058	18
19	5.858	4.858	3.988	3.818	285	238	75.2	34.0	18.8	16.2	9.828	7.908	19
20	5.858	4.838	3.868	3.808	298	248	73.4	33.4	18.7	16.6	9.888	7.788	20
21	5.808	4.808	3.848	3.888	306	268	70.8	33.0	18.4	15.5	9.848	7.658	21
22	5.458	4.588	3.828	3.788	308	286	68.3	31.8	18.7	14.8	9.808	7.308	22
23	5.408	4.558	3.808	4.208	308	282	68.3	31.2	18.4	14.4	9.788	7.088	23
24	5.368	4.538	3.868	5.388	308	242	64.0	30.8	18.1	13.8	9.718	6.908	24
25	5.308	4.508	3.868	8.388	288	231	61.0	30.1	14.8	13.88	9.678	6.808	25
26	5.258	4.488	3.858	13.8 B	287	218	59.4	29.7	14.8	14.18	9.628	8.408	26
27	5.228	4.488	3.838	18.0 B	278	208	58.4	29.1	14.8	14.18	9.588	8.188	27
28	5.188	4.438	3.818	28.0 B	282	193	58.6	28.0	14.7	13.78	9.588	8.808	28
29	5.188		3.808	40.0 B	248	181	54.4	27.4	14.5	13.88	9.588	8.808	29
30	5.148		3.788	53.8 B	237	170	52.8	26.8	14.3	13.38	9.428	8.308	30
31	5.128		3.778		224		51.8	26.8		13.38		8.008	31
TOTAL	205.74	133.35	125.78	353.88	7 316.0	6 186	3 882.8	1 166.8	580.0	474.5	315.42	242.78	TOTAL
MEAN	6.64	4.76	4.06	8.48	238	206	83.0	37.3	18.7	15.3	10.5	7.83	MEAN
MAX	9.55	5.08	4.40	53.8	308	286	181	81.2	25.8	17.3	12.1	8.38	MAX
MIN	5.12	4.43	3.77	3.58	70.0	170	51.8	26.8	14.3	13.3	9.42	6.00	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 84.4
MAXIMUM DAILY, 308 ON MAY 23
MINIMUM DAILY, 3.808 ON APR 20
MAXIMUM INSTANTANEOUS,
310 AT 02:34 MST ON MAY 23

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 54 05 N
LONG 133 18 32 W
DRAINAGE AREA, 7 850 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	17 600	JUL	249 000
FEB	11 500	AUG	100 000
MAR	10 800	SEP	48 400
APR	21 800	OCT	41 000
MAY	632 000	NOV	27 300
JUN	535 000	DEC	21 000

TOTAL DISCHARGE, 1 720 000 dam³

REMARKS - STATION PREVIOUSLY PUBLISHED UNDER STATION NO. 10HC005

BLUEFISH LAKE NEAR YELLOWKNIFE - STATION NO. 07SB015

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	186.282E	186.221E	186.168E	186.100E	186.071	186.135	186.113	186.209	186.213	186.128	186.115	186.091E	1
2	186.280E	186.218E	186.164E	186.097E	186.075	186.135	186.107	186.217	186.212	186.128	186.112	186.091E	2
3	186.286E	186.217E	186.162E	186.093E	186.076	186.139	186.104	186.222	186.210	186.128	186.107	186.091E	3
4	186.285E	186.215E	186.161E	186.090A	186.078	186.134	186.105	186.232	186.208	186.130	186.107	186.090E	4
5	186.283E	186.212E	186.159E	186.091	186.078	186.129	186.106	186.232	186.198	186.130	186.110	186.090E	5
6	186.281E	186.210E	186.157E	186.087	186.084	186.127	186.108	186.234	186.182	186.131	186.113	186.090E	6
7	186.279E	186.208E	186.156E	186.084	186.085	186.124	186.112	186.236	186.177	186.130	186.113	186.089E	7
8	186.277E	186.206E	186.154E	186.081	186.085	186.126	186.109	186.241	186.168	186.129	186.113	186.088E	8
9	186.274E	186.204E	186.152E	186.080	186.085	186.125	186.105	186.246	186.163	186.130	186.111	186.089E	9
10	186.270E	186.201E	186.150E	186.080	186.087	186.128	186.103	186.247	186.155	186.131	186.111	186.088E	10
11	186.268E	186.199E	186.148E	186.078	186.118	186.131	186.106	186.246	186.186	186.131	186.111	186.088E	11
12	186.266E	186.197E	186.147E	186.080	186.114	186.129	186.104	186.246	186.169	186.138	186.112	186.088E	12
13	186.263E	186.195E	186.145E	186.078	186.111	186.127	186.100	186.249	186.157	186.135	186.110	186.088E	13
14	186.261E	186.195A	186.142E	186.074	186.116	186.127	186.107	186.255	186.158	186.133	186.104	186.088E	14
15	186.259E	186.194	186.140A	186.073	186.131	186.127	186.106	186.260	186.168	186.139	186.098	186.087E	15
16	186.257E	186.191	186.138E	186.072	186.124	186.124	186.110	186.248	186.168	186.138	186.097	186.087E	16
17	186.254E	186.194	186.138E	186.071	186.127	186.121	186.106	186.248	186.160	186.108	186.097	186.087E	17
18	186.252E	186.191E	186.133E	186.084	186.130	186.118	186.114	186.245	186.158	186.111	186.098	186.087E	18
19	186.250E	186.188E	186.130E	186.087	186.136	186.125	186.125	186.238	186.157	186.116	186.095	186.087A	19
20	186.248E	186.186E	186.128E	186.080	186.138	186.127	186.128	186.236	186.150	186.119	186.098	186.088	20
21	186.246E	186.182E	186.125E	186.045	186.135	186.173	186.139A	186.238	186.140	186.118	186.094A	186.088	21
22	186.243E	186.178A	186.123E	186.040	186.137	186.253	186.138E	186.235	186.140	186.120	186.094E	186.084	22
23	186.241E	186.178E	186.120E	186.038	186.138	186.195	186.145E	186.233	186.142	186.122	186.093E	186.084	23
24	186.239E	186.175E	186.118E	186.033	186.135	186.142	186.154E	186.231	186.142	186.117	186.093E	186.083	24
25	186.237E	186.173E	186.116E	186.033	186.138	186.121	186.162E	186.236	186.142	186.118	186.093E	186.081	25
26	186.235E	186.171E	186.113E	186.038	186.135	186.109	186.172E	186.224	186.142	186.118	186.093E	186.081	26
27	186.232E	186.168E	186.110E	186.038	186.133	186.107	186.181A	186.221	186.142	186.118	186.093E	186.084	27
28	186.230E	186.166E	186.108E	186.048	186.133	186.105	186.185	186.219	186.142	186.116	186.092E	186.088	28
29	186.228E		186.105E	186.084	186.133	186.107	186.188	186.217	186.137	186.116	186.093E	186.083	29
30	186.226E		186.103E	186.093	186.136	186.116	186.187	186.218	186.131	186.116	186.091E	186.080	30
31	186.223E		186.102E		186.139		186.189	186.214		186.117		186.081	31
MEAN	186.257	186.194	186.136	186.067	186.115	186.133	186.131	186.234	186.164	186.125	186.102	186.086	MEAN
MAX	186.282	186.221	186.168	186.100	186.139	186.253	186.189	186.255	186.213	186.139	186.116	186.091	MAX
MIN	186.223	186.166	186.102	186.033	186.071	186.105	186.103	186.209	186.131	186.108	186.091	186.081	MIN

SUMMARY FOR THE YEAR 1989

WATER LEVELS IN METRES

MEAN, 186.145
MAXIMUM DAILY, 186.282E ON JAN 1
MINIMUM DAILY, 186.033 ON APR 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 40 48 N
LONG 114 19 52 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED SINCE 1948

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

BODY CREEK NEAR INUVIK - STATION NO. 10LC010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	0B	0 B	1.42	0.080	0.027	0.078	0.148	0.0308	0B	1
2	0B	0B	0B	0B	0 B	1.36	0.048	0.028	0.078	0.148	0.0188	0B	2
3	0B	0B	0B	0B	0 B	1.27	0.048	0.028	0.078	0.148	0.0158	0B	3
4	0B	0B	0B	0B	0 B	1.15	0.042	0.028	0.078	0.140	0.0138	0B	4
5	0B	0B	0B	0B	0 B	1.04	0.040	0.026	0.080	0.128	0.0138	0B	5
6	0B	0B	0B	0B	0 B	0.988	0.037	0.027	0.080	0.116	0.0128	0B	6
7	0B	0B	0B	0B	0 B	0.888	0.036	0.027	0.078	0.104	0.0118	0B	7
8	0B	0B	0B	0B	0 B	0.788	0.031	0.028	0.078	0.091	0.0098	0B	8
9	0B	0B	0B	0B	0 B	0.683	0.028	0.026	0.074	0.083	0.0088	0B	9
10	0B	0B	0B	0B	0 B	0.572	0.038	0.024	0.071	0.077	0.0078	0B	10
11	0B	0B	0B	0B	0 B	0.520	0.024	0.023	0.087	0.072	0.0068	0B	11
12	0B	0B	0B	0B	0 B	0.488	0.021	0.022	0.087	0.0688	0.0068	0B	12
13	0B	0B	0B	0B	0 B	0.433	0.018	0.020	0.088	0.0628	0.0048	0B	13
14	0B	0B	0B	0B	0 B	0.388	0.018	0.020	0.078	0.0588	0.0048	0B	14
15	0B	0B	0B	0B	0 B	0.308	0.014	0.023	0.101	0.0548	0.0038	0B	15
16	0B	0B	0B	0B	0 B	0.388	0.020	0.028	0.132	0.0508	0.0028	0B	16
17	0B	0B	0B	0B	0 B	0.278	0.026	0.030	0.156	0.0478	0.0028	0B	17
18	0B	0B	0B	0B	0 B	0.191	0.034	0.027	0.176	0.0448	0.0018	0B	18
19	0B	0B	0B	0B	0 B	0.150	0.033	0.035	0.181	0.0418	0.0018	0B	19
20	0B	0B	0B	0B	0 B	0.138	0.033	0.036	0.183	0.0388	0 B	0B	20
21	0B	0B	0B	0B	0.0108	0.113	0.022	0.037	0.172	0.0278	0 B	0B	21
22	0B	0B	0B	0B	0.0308	0.101	0.023	0.048	0.163	0.0248	0 B	0B	22
23	0B	0B	0B	0B	0.0628	0.088	0.028	0.068	0.132	0.0228	0 B	0B	23
24	0B	0B	0B	0B	0.1108	0.088	0.028	0.067	0.118	0.0208	0 B	0B	24
25	0B	0B	0B	0B	0.3248	0.083	0.026	0.072	0.107	0.0288	0 B	0B	25
26	0B	0B	0B	0B	1.00 B	0.078	0.028	0.076	0.104	0.0278	0 B	0B	26
27	0B	0B	0B	0B	1.58 B	0.088	0.027	0.078	0.108	0.0268	0 B	0B	27
28	0B	0B	0B	0B	1.63 B	0.083	0.027	0.078	0.116	0.0248	0 B	0B	28
29	0B		0B	0B	1.48 B	0.088	0.027	0.078	0.130	0.0238	0 B	0B	29
30	0B		0B	0B	1.54 A	0.088	0.026	0.077	0.138	0.0228	0 B	0B	30
31	0B		0B		1.49		0.027	0.078		0.0218		0B	31
TOTAL	0	0	0	0	9.377	13.898	0.889	1.382	3.248	3.031	0.157	0	TOTAL
MEAN	0	0	0	0	0.302	0.463	0.028	0.040	0.108	0.088	0.005	0	MEAN
MAX	0	0	0	0	1.58	1.42	0.080	0.078	0.183	0.148	0.030	0	MAX
MIN	0	0	0	0	0	0.088	0.014	0.020	0.087	0.031	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.084
MAXIMUM DAILY, 1.680 ON MAY 27
MINIMUM DAILY, 0B ON JAN 1

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 21 40 N
LONG 133 38 38 W
DRAINAGE AREA, 26.3 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	78.1
FEB	0	AUG	106
MAR	0	SEP	281
APR	0	OCT	175
MAY	819	NOV	13.6
JUN	1 300	DEC	0

TOTAL DISCHARGE, 2 690 dam³

BOSWORTH CREEK NEAR NORMAN WELLS - STATION NO. 10KA007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.2618	0.1888	0.0788	0.0638	3.72	1.37	0.721	0.335	0.281	0.227	0.1888	0.2188	1
2	0.2588	0.1848	0.0728	0.0538	3.71	1.33	0.710	0.342	0.287	0.228	0.1878	0.2188	2
3	0.2578	0.1808	0.0718	0.0548	5.52	1.32	0.677	0.340	0.286	0.224	0.1858	0.2188	3
4	0.2558	0.1758	0.0688	0.0548	5.18	1.11	0.653	0.328	0.283	0.222	0.1848	0.2188	4
5	0.2538	0.1708	0.0678	0.0548	5.43	1.06	0.641	0.323	0.278	0.222	0.1838	0.2188	5
6	0.2618	0.1888	0.0888	0.0888	5.06	1.00	0.630	0.330	0.281	0.217	0.1838	0.2138	6
7	0.2488	0.1818	0.0888	0.0888	4.90	0.939	0.689	0.328	0.277	0.240	0.1828	0.2148	7
8	0.2488	0.1888	0.0848	0.0568	4.08	0.874	0.672	0.318	0.278	0.226	0.1828	0.2138	8
9	0.2488	0.1818	0.0838	0.0868	3.46	0.844	0.661	0.330	0.283	0.219	0.1828	0.2128	9
10	0.2448	0.1488	0.0828	0.0878	3.14	0.813	0.638	0.322	0.281	0.213	0.1828	0.2118	10
11	0.2428	0.1428	0.0818	0.0588	2.58	0.780	0.812	0.314	0.280	0.221	0.1828	0.2118	11
12	0.2408	0.1378	0.0808	0.0888	2.33	0.745	0.807	0.308	0.288	0.221	0.1838	0.2108	12
13	0.2388	0.1328	0.0888	0.0588	2.08	0.718	0.802	0.308	0.288	0.288	0.1848	0.2088	13
14	0.2378	0.1278	0.0888	0.0618	2.07	0.690	0.490	0.312	0.308	0.3878	0.1858	0.2088	14
15	0.2368	0.1238	0.0878	0.0638	1.90	1.19	0.471	0.322	0.318	0.2638	0.1868	0.2078	15
16	0.2338	0.1188	0.0878	0.0868	1.87	3.80	0.448	0.314	0.338	0.2408	0.1708	0.2088	16
17	0.2318	0.1148	0.0868	0.0878	1.87	2.83	0.426	0.311	0.332	0.2308	0.1738	0.2068	17
18	0.2308	0.1108	0.0868	0.0708	1.48	2.36	0.484	0.317	0.327	0.2208	0.1768	0.2048	18
19	0.2288	0.1078	0.0858	0.0738	1.43	2.36	0.483	0.307	0.313	0.2128	0.1838	0.2038	19
20	0.2278	0.1038	0.0858	0.0778	1.58	1.58	0.438	0.320	0.311	0.2068	0.1808	0.2028	20
21	0.2248	0.1008	0.0858	0.0838	3.00	1.83	0.421	0.342	0.307	0.2008	0.1848	0.2018	21
22	0.2218	0.0988	0.0858	0.0888	2.21	1.33	0.406	0.328	0.338	0.1958	0.2008	0.2008	22
23	0.2188	0.0838	0.0848	0.0878	2.23	1.19	0.398	0.316	0.286	0.1918	0.2038	0.2008	23
24	0.2178	0.0808	0.0848	0.1088	1.84	1.04	0.383	0.302	0.287	0.1878	0.2078	0.1988	24
25	0.2148	0.0878	0.0848	0.1308	1.48	1.01	0.378	0.298	0.288	0.1838	0.2108	0.1988	25
26	0.2118	0.0848	0.0848	0.2708	1.32	0.928	0.388	0.288	0.288	0.1808	0.2118	0.1968	26
27	0.2078	0.0818	0.0848	0.8008	1.21	0.880	0.388	0.288	0.288	0.1778	0.2128	0.1878	27
28	0.2038	0.0788	0.0838	1.50 B	1.31	0.783	0.384	0.285	0.320	0.1758	0.2138	0.1868	28
29	0.2008		0.0838	3.40 B	1.80	0.730	0.381	0.278	0.338	0.1738	0.2148	0.1858	29
30	0.1978		0.0838	3.86 B	1.53	0.699	0.384	0.281	0.332	0.1718	0.2158	0.1848	30
31	0.1938		0.0838		1.41		0.380	0.282		0.1698		0.1838	31
TOTAL	7.172	3.801	1.841	11.328	63.38	37.832	15.118	9.733	9.039	7.784	5.435	6.381	TOTAL
MEAN	0.231	0.128	0.088	0.378	2.09	1.28	0.488	0.314	0.301	0.251	0.181	0.208	MEAN
MAX	0.261	0.188	0.078	3.88	6.82	3.80	0.731	0.342	0.338	0.340	0.218	0.218	MAX
MIN	0.193	0.078	0.083	0.083	1.21	0.880	0.380	0.278	0.277	0.169	0.163	0.193	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.844
MAXIMUM DAILY, 6.82 ON MAY 6
MINIMUM DAILY, 0.0838 ON MAR 28
MAXIMUM INSTANTANEOUS,
6.90 AT 21:05 MST ON MAY 6

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 65 19 44 N
LONG 126 52 02 W
DRAINAGE AREA, 198 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	820	JUL	1 310
FEB	311	AUG	840
MAR	159	SEP	781
APR	973	OCT	673
MAY	7 200	NOV	470
JUN	3 280	DEC	951

TOTAL DISCHARGE, 17 300 dam³

NORTHWEST TERRITORIES

BROWN RIVER ABOVE BROWN LAKE - STATION NO. 06DA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	0B	0B	0 B	215	30.6	5.55	3.08	0.150B	0B	1
2	0B	0B	0B	0B	0B	0 B	209	27.1	5.40	3.78	0.110B	0B	2
3	0B	0B	0B	0B	0B	0 B	211	24.0	5.23	2.94	0.080B	0B	3
4	0B	0B	0B	0B	0B	0.010B	148	21.5	5.23	2.59	0.050B	0B	4
5	0B	0B	0B	0B	0B	0.030B	133	19.4	5.48	2.31	0.035B	0B	5
6	0B	0B	0B	0B	0B	0.075B	100	18.2	6.64	1.82	0.015B	0B	6
7	0B	0B	0B	0B	0B	0.110B	83.0	16.5	6.64	1.68	0.005B	0B	7
8	0B	0B	0B	0B	0B	0.185B	73.1	14.6	6.67	1.34	0 B	0B	8
9	0B	0B	0B	0B	0B	0.325B	67.6	13.0	7.04	1.48	0 B	0B	9
10	0B	0B	0B	0B	0B	0.660B	65.0	11.7	7.06	1.35	0 B	0B	10
11	0B	0B	0B	0B	0B	1.88 E	66.2	10.5	7.15	1.19	0 B	0B	11
12	0B	0B	0B	0B	0B	2.60 E	62.5	9.74	6.78	1.01	0 B	0B	12
13	0B	0B	0B	0B	0B	4.27 E	57.3	9.22	7.25	1.13	0 B	0B	13
14	0B	0B	0B	0B	0B	6.15 E	52.3	8.58	7.07	0.900	0 B	0B	14
15	0B	0B	0B	0B	0B	9.00 E	48.6	7.85	6.90	0.883	0 B	0B	15
16	0B	0B	0B	0B	0B	13.4 E	45.1	7.80	6.68	0.830	0 B	0B	16
17	0B	0B	0B	0B	0B	20.0 E	41.6	7.10	6.57	0.703	0 B	0B	17
18	0B	0B	0B	0B	0B	28.0 E	38.5	7.00	6.47	0.882	0 B	0B	18
19	0B	0B	0B	0B	0B	42.0 E	35.7	6.81	6.51	0.724	0 B	0B	19
20	0B	0B	0B	0B	0B	61.0 E	32.9	6.28	6.16	0.637	0 B	0B	20
21	0B	0B	0B	0B	0B	80.0 E	30.7	6.08	5.98	0.515	0 B	0B	21
22	0B	0B	0B	0B	0B	132 E	27.6	6.00	5.75	0.405B	0 B	0B	22
23	0B	0B	0B	0B	0B	185 E	26.3	6.01	5.34	0.415B	0 B	0B	23
24	0B	0B	0B	0B	0B	265 E	26.0	6.07	5.11	0.395B	0 B	0B	24
25	0B	0B	0B	0B	0B	412 A	28.1	6.13	5.48	0.370B	0 B	0B	25
26	0B	0B	0B	0B	0B	404	65.9	6.04	5.61	0.320B	0 B	0B	26
27	0B	0B	0B	0B	0B	349	62.6	6.13	5.03	0.280B	0 B	0B	27
28	0B	0B	0B	0B	0B	311	50.2	6.00	4.44	0.230B	0 B	0B	28
29	0B		0B	0B	0B	238	44.5	5.95	3.67	0.205B	0 B	0B	29
30	0B		0B	0B	0B	258	38.1	6.11	3.42	0.190B	0 B	0B	30
31	0B		0B		0B		34.7	5.81		0.160B		0B	31
TOTAL	0	0	0	0	0	2 926.726	2 222.0	343.73	181.87	33.266	0.455	0	TOTAL
MEAN	0	0	0	0	0	97.5	71.7	11.1	6.06	1.07	0.015	0	MEAN
MAX	0	0	0	0	0	412	215	30.6	7.25	3.08	0.150	0	MAX
MIN	0	0	0	0	0	0	26.0	5.81	3.42	0.160	0	0	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 15.6
MAXIMUM DAILY, 412A ON JUN 25
MINIMUM DAILY, 0B ON JAN 1
MAXIMUM INSTANTANEOUS,
481 AT 15:30 CST ON JUN 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 65 02 34 N
LONG 91 50 00 W
DRAINAGE AREA, 2 940 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	0	JUL	192 000
FEB	0	AUG	29 700
MAR	0	SEP	15 700
APR	0	OCT	2 880
MAY	0	NOV	39.3
JUN	253 000	DEC	0

TOTAL DISCHARGE, 493 000 dam³

BUFFALO RIVER AT HIGHWAY NO. 5 - STATION NO. 07PA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.42B	3.20 B	0.930B	0.370B	3.00B	166	107	76.6	71.5	60.6	14.8 B	7.40B	1
2	6.30B	3.10 B	0.880B	0.360B	3.00B	166	99.2	76.1	71.2	65.6	14.4 B	7.25B	2
3	6.18B	3.00 B	0.840B	0.350B	3.20B	157	93.1	74.6	73.2	66.2	13.9 B	7.10B	3
4	6.06B	2.90 B	0.800B	0.340B	3.50B	162	99.6	76.7	73.2	62.7	13.4 B	6.95B	4
5	5.94B	2.80 B	0.770B	0.330B	30.0 B	155	103	83.3	69.1	63.7	13.0 B	6.85B	5
6	5.82B	2.70 B	0.740B	0.320B	70.0 B	161	99.9	88.2	73.2	65.2	12.6 B	6.75B	6
7	5.72B	2.60 B	0.710B	0.310B	120 B	153	95.0	83.9	65.7	64.9	12.2 B	6.65B	7
8	5.62B	2.50 B	0.680B	0.300B	110 B	150	95.4	83.4	61.2	65.9	11.9 B	6.55B	8
9	5.52B	2.40 B	0.650B	0.290B	108	152	95.0	81.6	61.6	63.4	11.6 B	6.45B	9
10	5.42B	2.30 B	0.630B	0.280B	108	161	96.7	76.8	70.1	63.2	11.3 B	6.35B	10
11	5.33B	2.20 B	0.600B	0.270B	131	161	98.1	78.9	73.6	60.5	11.0 B	6.25B	11
12	5.22B	2.10 B	0.590B	0.270B	128	150	89.8	78.7	71.5	66.1	10.8 B	6.15B	12
13	5.10B	2.00 B	0.580B	0.260B	128	150	87.3	78.6	67.0	57.6	10.6 B	6.05B	13
14	5.00B	1.90 B	0.570B	0.260B	128	156	83.4	78.9	67.5	57.6	10.3 B	5.95B	14
15	4.90B	1.80 B	0.560B	0.260B	143	155	81.6	77.0	66.5	57.2	10.0 B	5.85B	15
16	4.80B	1.72 B	0.540B	0.250B	134	143	81.6	67.9	60.1	58.6	9.80B	5.75B	16
17	4.70B	1.64 B	0.530B	0.240B	132	141	85.0	66.0	60.1	58.2	9.60B	5.65B	17
18	4.62B	1.56 B	0.520B	0.240B	131	141	78.4	71.9	66.3	58.4	9.40B	5.55B	18
19	4.54B	1.48 B	0.510B	0.230B	129	145	73.6	76.7	66.3	58.7	9.20B	5.45B	19
20	4.44B	1.40 B	0.500B	0.230B	138	128	77.3	68.3	69.6	58.6	9.05B	5.37B	20
21	4.34B	1.34 B	0.490B	0.220B	136	125	75.9	60.7	60.3	60.0	8.90B	5.29B	21
22	4.32B	1.28 B	0.480B	0.220B	156	123	80.4	61.5	63.6	57.3	8.75B	5.21B	22
23	4.10B	1.22 B	0.470B	0.210B	165	117	83.3	66.9	72.6	54.6	8.60B	5.13B	23
24	3.99B	1.16 B	0.460B	0.210B	165	112	77.1	68.7	60.1	60.8	8.45B	5.05B	24
25	3.90B	1.10 B	0.450B	0.200B	161	120	73.0	70.8	65.1	62.1	8.30B	4.97B	25
26	3.80B	1.05 B	0.430B	0.200B	161	121	75.7	65.0	65.4	53.9	8.15B	4.91B	26
27	3.70B	1.01 B	0.420B	0.300B	161	112	75.9	60.1	63.2	44.8	8.00B	4.83B	27
28	3.60B	0.970B	0.410B	1.00 B	167	106	77.4	60.4	68.5	32.3	7.85B	4.75B	28
29	3.50B		0.400B	2.00 B	168	111	71.7	67.7	61.3	17.7	7.70B	4.67B	29
30	3.40B		0.390B	2.50 B	169	111	76.8	72.2	65.5	16.0B	7.55B	4.66B	30
31	3.30B		0.380B		168		77.1	72.3		15.4B		4.61B	31
TOTAL	149.48	54.440	17.940	12.810	3 595.60	4 283	2 626.6	2 272.3	1 981.0	1 713.7	311.10	180.23	TOTAL
MEAN	4.82	1.94	0.579	0.427	116	143	84.6	73.3	66.0	55.3	10.4	5.81	MEAN
MAX	6.42	3.20	0.930	2.50	169	166	107	88.2	73.6	66.6	14.8	7.40	MAX
MIN	3.30	0.970	0.380	0.200	3.00	106	71.7	60.1	60.1	15.4	7.55	4.61	MIN

SUMMARY FOR THE YEAR 1989

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 47.1
MAXIMUM DAILY, 169 ON MAY 30
MINIMUM DAILY, 0.200B ON APR 25
MAXIMUM INSTANTANEOUS,
175 AT 19:30 MST ON MAY 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 42 44 N
LONG 114 54 11 W
DRAINAGE AREA, 18 500 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	12 900	JUL	227 000
FEB	4 700	AUG	196 000
MAR	1 550	SEP	171 000
APR	1 110	OCT	148 000
MAY	311 000	NOV	26 900
JUN	370 000	DEC	15 600

TOTAL DISCHARGE, 1 490 000 dam³

BUFFALO RIVER NEAR ALTA/NWT BOUNDARY - STATION NO. 07PC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.7628	0.3888	0.1858	0.1018	---	---	---	---	32.8A	---	---	---	1
2	0.7248	0.3828	0.1838	0.1038	---	---	---	---	30.1	---	---	---	2
3	0.7088	0.3878	0.1818	0.1048	---	---	---	---	28.2	---	---	---	3
4	0.6968	0.3818	0.1868	0.1078	---	---	---	---	26.2	---	---	---	4
5	0.6318	0.3788	0.1848	0.1098	---	---	---	---	22.8	---	---	---	5
6	0.6178	0.3898	0.1808	0.1128	---	---	---	---	21.1	---	---	---	6
7	0.6028	0.3578	0.1478	0.1148	---	---	---	---	20.8	---	---	---	7
8	0.5888	0.2408	0.1438	0.1168	---	---	---	---	20.7	---	---	---	8
9	0.5878	0.2408	0.1408	0.1228	---	---	---	---	20.2	---	---	---	9
10	0.5798	0.2338	0.1378	0.1288	---	---	---	---	20.5	---	---	---	10
11	0.5678	0.2288	0.1348	0.1308	---	---	---	---	21.2	---	---	---	11
12	0.5588	0.2188	0.1308	0.1388	---	---	---	---	20.6	---	---	---	12
13	0.5388	0.2108	0.1288	0.1428	---	---	---	---	19.6	---	---	---	13
14	0.5088	0.2088	0.1218	0.1518	---	---	---	---	18.5	---	---	---	14
15	0.4838	0.2018	0.1178	0.1588	---	---	---	---	17.8	---	---	---	15
16	0.4618	0.1988	0.1128	0.1788	---	---	---	---	17.1	---	---	---	16
17	0.4278	0.1958	0.1068	0.1888	---	---	---	---	16.8	---	---	---	17
18	0.4138	0.1928	0.1068	0.2008	---	---	---	---	19.3	---	---	---	18
19	0.4068	0.1868	0.1038	0.2228	---	---	---	---	22.8	---	---	---	19
20	0.3898	0.1878	0.1028	0.2538	---	---	---	---	22.3	---	---	---	20
21	0.3688	0.1898	0.1038	0.3208	---	---	---	---	21.8	---	---	---	21
22	0.3628	0.1838	0.1038	0.4008	---	---	---	---	20.8	---	---	---	22
23	0.3788	0.1808	0.1028	0.4828	---	---	---	---	20.1	---	---	---	23
24	0.3878	0.1788	0.1028	0.5908	---	---	---	---	19.2	---	---	---	24
25	0.3528	0.1738	0.1018	0.7218	---	---	---	---	18.8	---	---	---	25
26	0.3808	0.1708	0.1018	0.8518	---	---	---	---	20.1	---	---	---	26
27	0.3448	0.1688	0.1018	1.24 B	---	---	---	---	20.0	---	---	---	27
28	0.3338	0.1678	0.1018	1.62 B	---	---	---	---	18.4	---	---	---	28
29	0.3288		0.1018	8.18 B	---	---	---	---	18.8	---	---	---	29
30	0.3188		0.1018	10.8 B	---	---	---	---	18.5	---	---	---	30
31	0.3038		0.1018	---		---	---	---		---	---	---	31
TOTAL	18.118	6.108	3.791	28.080	---	---	---	---	631.8	---	---	---	TOTAL
MEAN	0.488	0.218	0.122	0.870	---	---	---	---	21.1	---	---	---	MEAN
MAX	0.782	0.388	0.185	10.8	---	---	---	---	32.8	---	---	---	MAX
MIN	0.303	0.167	0.101	0.101	---	---	---	---	18.8	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0.1018 ON MAR 25

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 00 48 N
LONG 114 31 32 W
DRAINAGE AREA, 4 350 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 310	JUL	---
FEB	526	AUG	---
MAR	328	SEP	54 800
APR	2 280	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

BURNSIDE RIVER NEAR THE MOUTH - STATION NO. 10QC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	18.2 B	8.678	3.148	3.188	3.288	4.508	237	183	118	87.8	35.08	19.78	1
2	17.8 B	8.508	3.088	3.188	3.288	6.008	218	166	116	86.3	34.38	19.68	2
3	17.6 B	8.128	3.038	3.168	3.288	10.0 B	202	161	114	85.8	33.78	19.28	3
4	17.3 B	7.788	3.038	3.188	3.308	85.0 B	288	147	113	83.8	33.18	19.08	4
5	17.0 B	7.378	3.038	3.178	3.318	200 B	281	143	110	87.2	32.88	18.78	5
6	16.7 B	7.008	3.048	3.178	3.338	1 040 A	270	141	110	88.4	31.88	18.58	6
7	16.4 B	6.828	3.048	3.188	3.338	1 190	143	140	113	86.2	31.38	18.28	7
8	16.1 B	6.288	3.068	3.188	3.348	1 130	280	138	117	75.8	30.88	18.08	8
9	15.8 B	5.678	3.088	3.188	3.388	1 120	288	134	118	77.8	30.08	17.78	9
10	15.6 B	5.508	3.088	3.188	3.388	1 080	248	131	121	76.8	29.38	17.58	10
11	15.2 B	5.338	3.088	3.188	3.388	1 220	338	128	123	88.4	28.78	17.28	11
12	15.0 B	5.148	3.068	3.208	3.408	1 820	228	127	123	83.8	28.18	17.08	12
13	14.7 B	4.968	3.078	3.208	3.428	1 380	222	126	120	88.8	27.88	16.78	13
14	14.4 B	4.788	3.078	3.218	3.448	1 300	218	127	122	88.8	28.88	16.58	14
15	14.1 B	4.868	3.088	3.218	3.488	1 120	212	128	124	72.3	26.28	16.28	15
16	13.8 B	4.428	3.088	3.228	3.488	838	207	134	123	87.4	25.88	16.08	16
17	13.6 B	4.248	3.088	3.228	3.508	800	202	142	121	87.0	25.08	15.78	17
18	13.2 B	4.088	3.088	3.228	3.538	701	197	148	120	74.1	24.68	15.58	18
19	12.9 B	3.888	3.088	3.238	3.578	633	192	148	118	78.2	24.28	15.28	19
20	12.6 B	3.868	3.108	3.238	3.608	584	188	148	113	80.6	23.88	15.08	20
21	12.3 B	3.808	3.108	3.248	3.648	583	183	147	108	83.8	23.48	14.78	21
22	12.0 B	3.648	3.118	3.248	3.678	633	182	144	87.7	84.8	23.08	14.58	22
23	11.7 B	3.488	3.118	3.268	3.718	610	188	141	87.7	72.2	22.68	14.28	23
24	11.4 B	3.428	3.128	3.268	3.748	488	193	138	92.6	68.3	22.38	14.08	24
25	11.1 B	3.378	3.128	3.288	3.788	488	198	134	88.8	47.2	21.88	13.78	25
26	10.8 B	3.318	3.128	3.288	3.838	433	191	130	88.8	43.08	21.58	13.58	26
27	10.5 B	3.268	3.138	3.288	3.888	411	181	127	86.3	40.08	21.18	13.28	27
28	10.3 B	3.208	3.138	3.278	3.888	382	178	126	83.3	38.08	20.78	13.08	28
29	10.0 B		3.148	3.278	3.928	370	176	133	86.8	36.08	20.38	12.78	29
30	9.628		3.148	3.288	3.888	363	172	133	83.4	37.08	20.08	12.58	30
31	9.288		3.158		4.008		168	118		36.08		12.28	31
TOTAL	426.87	144.07	98.71	98.48	108.83	20 479.80	6 824	4 280	3 303.3	2 118.7	798.8	498.2	TOTAL
MEAN	13.8	5.15	3.09	3.31	3.85	883	224	137	110	88.2	28.8	16.0	MEAN
MAX	18.2	8.67	3.15	3.38	4.00	1 820	337	183	124	87.8	35.0	19.7	MAX
MIN	9.28	3.20	3.03	3.15	3.28	4.80	168	118	83.8	36.0	20.0	12.2	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 106
MAXIMUM DAILY, 1 820 ON JUN 12
MINIMUM DAILY, 3.028 ON MAR 3
MAXIMUM INSTANTANEOUS,
1 790 AT 01:55 MST ON JUN 13

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 44 10 N
LONG 106 48 08 W
DRAINAGE AREA, 16 800 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	38 900	JUL	699 000
FEB	12 400	AUG	387 000
MAR	4 270	SEP	285 000
APR	8 330	OCT	183 000
MAY	8 500	NOV	69 000
JUN	1 770 000	DEC	43 400

TOTAL DISCHARGE, 3 390 000 dam³

NORTHWEST TERRITORIES

CABIN CREEK ABOVE HIGHWAY NO. 8 - STATION NO. 10LC009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0	0.0	0.0	0.0	0 B	4.72	0.133	0.085	0.643	1.83	0.0688	0.0	1
2	0.0	0.0	0.0	0.0	0 B	4.02	0.127	0.080	0.637	1.76	0.0608	0.0	2
3	0.0	0.0	0.0	0.0	0 B	3.40	0.124	0.084	0.624	1.62	0.0548	0.0	3
4	0.0	0.0	0.0	0.0	0 B	2.94	0.118	0.085	0.618	1.48 B	0.0488	0.0	4
5	0.0	0.0	0.0	0.0	0 B	2.56	0.101	0.082	0.612	1.36 B	0.0448	0.0	5
6	0.0	0.0	0.0	0.0	0 B	2.27	0.088	0.048	0.606	1.24 B	0.0408	0.0	6
7	0.0	0.0	0.0	0.0	0 B	2.01	0.081	0.044	0.798	1.18	0.0378	0.0	7
8	0.0	0.0	0.0	0.0	0 B	1.82	0.073	0.039	0.795	1.06	0.0348	0.0	8
9	0.0	0.0	0.0	0.0	0 B	1.64	0.067	0.034	0.785	0.988	0.0318	0.0	9
10	0.0	0.0	0.0	0.0	0 B	1.53	0.062	0.030	0.788	0.8108	0.0288	0.0	10
11	0.0	0.0	0.0	0.0	0 B	1.41	0.058	0.035	0.747	0.5808	0.0288	0.0	11
12	0.0	0.0	0.0	0.0	0 B	1.27	0.047	0.020	0.748	0.4208	0.0248	0.0	12
13	0.0	0.0	0.0	0.0	0 B	1.12	0.038	0.018	0.835	0.3358	0.0228	0.0	13
14	0.0	0.0	0.0	0.0	0 B	0.971	0.038	0.020	1.17	0.3108	0.0208	0.0	14
15	0.0	0.0	0.0	0.0	0 B	0.843	0.020	0.084	1.88	0.2828	0.0178	0.0	15
16	0.0	0.0	0.0	0.0	0 B	0.728	0.034	0.084	2.88	0.2708	0.0148	0.0	16
17	0.0	0.0	0.0	0.0	0 B	0.640	0.047	0.153	2.88	0.2508	0.0118	0.0	17
18	0.0	0.0	0.0	0.0	0 B	0.583	0.041	0.220	2.40	0.2328	0.0098	0.0	18
19	0.0	0.0	0.0	0.0	0 B	0.481	0.038	0.277	2.03	0.2138	0.0078	0.0	19
20	0.0	0.0	0.0	0.0	0 B	0.462	0.037	0.388	1.70 B	0.1978	0.0058	0.0	20
21	0.0	0.0	0.0	0.0	0.0018	0.407	0.068	0.773	1.45 B	0.1828	0.0038	0.0	21
22	0.0	0.0	0.0	0.0	0.0018	0.388	0.074	1.88	1.22 B	0.1688	0.0018	0.0	22
23	0.0	0.0	0.0	0.0	0.0018	0.330	0.074	2.10	1.10 B	0.1528	0 B	0.0	23
24	0.0	0.0	0.0	0.0	0.2008	0.291	0.088	1.82	0.988	0.1428	0 B	0.0	24
25	0.0	0.0	0.0	0.0	1.80 B	0.288	0.068	1.80	0.988	0.1308	0 B	0.0	25
26	0.0	0.0	0.0	0.0	8.00 B	0.231	0.068	1.41	1.25	0.1208	0 B	0.0	26
27	0.0	0.0	0.0	0.0	13.7 B	0.198	0.072	1.24	1.45	0.1068	0 B	0.0	27
28	0.0	0.0	0.0	0.0	13.8 B	0.170	0.074	1.10	1.72	0.0988	0 B	0.0	28
29	0.0		0.0	0.0	9.61	0.152	0.074	0.988	1.88 B	0.0888	0 B	0.0	29
30	0.0		0.0	0.0	7.38	0.142	0.072	0.820	1.87 B	0.0808	0 B	0.0	30
31	0.0		0.0		5.88		0.070	0.888		0.0728		0.0	31
TOTAL	0	0	0	0	58.623	37.877	2.131	18.405	38.818	17.712	0.802	0	TOTAL
MEAN	0	0	0	0	1.89	1.26	0.088	0.629	1.29	0.571	0.020	0	MEAN
MAX	0	0	0	0	13.8	4.72	0.133	2.10	2.88	1.83	0.088	0	MAX
MIN	0	0	0	0	0	0.142	0.020	0.018	0.747	0.072	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.472
MAXIMUM DAILY, 13.88 ON MAY 28
MINIMUM DAILY, 0.0 ON JAN 1
MAXIMUM INSTANTANEOUS,
15.8 AT 15:53 MST ON MAY 27

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 15 38 N
LONG 133 15 18 W
DRAINAGE AREA, 133 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	184
FEB	0	AUG	1 420
MAR	0	SEP	3 350
APR	0	OCT	1 530
MAY	5 070	NOV	52.0
JUN	3 270	DEC	0

TOTAL DISCHARGE, 14 900 dam³

CAMERON RIVER BELOW REID LAKE - STATION NO. 07SB010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.68	7.48	8.82	8.44	8.83	8.81	8.48	10.4	8.80	8.44	8.81	4.82	1
2	8.62	7.78	8.88	8.34	8.18	8.88	8.43	10.8	8.78	8.38	4.88	4.83	2
3	8.67	7.74	8.81	8.32	8.28	8.82	8.40	10.7	8.78	8.28	4.88	4.84	3
4	8.70	7.78	8.48	8.33	8.48	9.00	8.38	10.8	8.80	8.28	4.88	4.88	4
5	8.88	7.78	8.80	8.14	8.81	9.88	8.18	10.8	8.73	8.44	4.80	4.84	5
6	8.84	7.78	8.88	8.08	7.18	9.78	8.10	10.8	8.87	8.41	4.83	4.88	6
7	8.84	7.71	8.88	8.02	7.48	9.88	8.13	10.8	8.47	8.53	4.78	4.88	7
8	8.48	7.72	8.81	4.87	7.78	9.83	8.18	10.8	8.41	8.37	4.78	4.88	8
9	8.88	7.81	8.44	4.84	7.81	9.81	9.20	10.8	8.38	8.33	4.78	4.88	9
10	8.88	7.88	8.37	4.80	8.12	9.88	9.02	10.8	8.48	8.32	4.78	4.88	10
11	8.80	7.83	8.30	4.87	8.32	9.87	8.78	10.3 A	8.48	8.27	4.78	4.84	11
12	8.82	7.88	8.28	4.84	8.81	9.88	8.58	10.1 E	8.48	8.28	4.78	4.88	12
13	8.47	7.83	8.24	4.83	8.71	9.47	8.42	9.88E	8.44	8.30	4.78	4.88	13
14	8.38	7.41	8.22	4.81	8.80	8.38	8.28	9.78E	8.28	8.19	4.77	4.88	14
15	8.19	7.38	8.21	4.80	8.88	8.28	8.17	9.80A	8.08	8.08	4.78	4.84	15
16	8.11	7.32	8.20	4.78	8.38	8.24	8.04	8.38	8.87	8.03	4.74	4.87	16
17	8.04	7.28	8.14	4.78	8.80	8.28	7.88	8.28	8.80	8.01	4.78	4.83	17
18	7.87	7.28	8.07	4.74	8.87	8.32	7.88	8.18	8.88	4.88	4.87	4.83E	18
19	8.00	7.28	8.01	4.74	10.1	8.38	8.48	8.04	8.78	4.88	4.78	4.81E	19
20	8.08	7.28	8.84	4.77	10.2	8.48	8.88	8.88	8.83	4.82	4.88	4.81E	20
21	8.10	7.27	8.88	4.80	10.2 A	8.48	8.98	8.78	8.81	4.88	4.88	4.80E	21
22	8.04	7.21	8.88	4.82	10.2 E	8.44	9.04	8.44	8.78	4.88	4.88	4.48E	22
23	8.00	7.17	8.81	4.83	10.2 E	8.41	8.23	8.18	8.81	4.84	4.82	4.48E	23
24	8.08	7.18	8.84	4.83	10.1 E	8.38	8.44	7.82	8.88	4.84	4.80	4.48E	24
25	8.17	7.03	8.78	4.82	10.1 A	8.38	8.82	7.78	8.88	4.81	4.88	4.48E	25
26	8.38	8.88	8.72	4.81	8.88	8.32	8.88	7.72	8.88	4.78	4.80	4.47E	26
27	8.27	8.88	8.70	4.80	10.1	8.28	8.88	7.83	8.83	8.82	4.81	4.48E	27
28	8.18	8.72	8.88	4.88	10.1	8.28	8.88	7.88	8.32	3.38	4.82	4.48E	28
29	8.08		8.88	4.88	8.83	8.38	8.84	7.88	8.31	8.31	4.81	4.48E	29
30	8.00		8.83	8.38	8.80	8.42	10.0	7.41	8.38	8.40	4.81	4.48E	30
31	7.81		8.84		8.82		10.3	7.18		8.38		4.44E	31
TOTAL	257.80	208.42	190.06	148.38	273.43	288.38	280.28	287.84	182.38	158.82	142.84	141.48	TOTAL
MEAN	8.31	7.44	8.13	4.95	8.82	8.61	8.04	8.28	8.08	8.11	4.72	4.88	MEAN
MAX	8.70	7.88	8.82	8.44	10.2	8.88	10.3	10.8	8.80	8.82	8.01	4.88	MAX
MIN	7.81	8.72	8.84	4.74	8.83	8.24	7.88	7.18	8.31	2.38	4.88	4.44	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.00
MAXIMUM DAILY, 10.8 ON AUG 4
MINIMUM DAILY, 2.38 ON OCT 24
MAXIMUM INSTANTANEOUS,
13.3 AT 05:41 MST ON AUG 27

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 59 40 N
LONG 113 17 05 W
DRAINAGE AREA, 3 630 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	22 200	JUL	24 200
FEB	18 000	AUG	24 800
MAR	16 400	SEP	15 600
APR	12 800	OCT	13 700
MAY	23 600	NOV	12 300
JUN	24 800	DEC	12 200

TOTAL DISCHARGE, 221 000 dam³

CAMBELL RIVER AT OUTLET OF CLUT LAKE - STATION NO. 10JA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	107	101	93.3	84.2	78.6	88.2	130	133	123A	114	109	108	1
2	107	101	93.7	84.2	78.8	87.3	130	133	123A	114	110	108	2
3	107	101	93.1	84.1	77.0	88.1	131	133	123	113	110	108	3
4	106	100	91.8	83.8	77.1	101	132	133	122	112	109	108	4
5	106	101	91.3	83.8	77.2	102	132	133	121A	113	109	108	5
6	106	101	90.9	83.1	77.0	103	132	133	120E	113	108	108	6
7	106	100	90.7	82.6	76.8	104	132	133	120A	113	108	107	7
8	106	99.5	90.5	82.5	77.2	104	130	133	119A	113	108	107	8
9	105	99.0	90.0	82.3	77.0	105	132	133	118A	113	110	107	9
10	105	99.1	89.6	81.7	77.0	106	133	132	118E	113	110	107	10
11	106	98.8	89.0	81.4	78.3	108	132	132	118E	113	110	107	11
12	105	98.7	88.8	81.3	78.8	107	132	131	118E	113	110	107	12
13	106	98.3	88.0	81.0	80.2	108	132	132	118	114	110	107	13
14	104	97.2	88.8	80.7	80.0	107	133	131	118	114	110	107	14
15	104	98.8	88.2	80.3	80.3	108	135	130	118	114	111	106	15
16	102	98.4	87.7	79.8	80.8	111	135	130	118	113	110	106	16
17	103	98.3	87.3	79.4	81.4	114	133	128	118	114	110	105	17
18	103	98.1	87.2	79.1	82.0	117	131	128	118	114	110	105	18
19	103	98.0	87.0	78.8	82.5	118	131	127	118	114	110	104	19
20	102	98.7	88.7	78.8	82.8	120 B	132	127	117	114	110	104	20
21	103	98.4	88.4	78.4	83.4	121 B	132	127A	116	113	110	104	21
22	102	98.1	88.1	78.2	88.8	121	131	127A	117	111	109	103	22
23	102	94.7	88.8	78.4	88.7	124	131	128A	116	112	108	103	23
24	101	94.8	88.8	78.4	87.8	126	132	128A	116	112	108	103	24
25	101	94.7	88.2	77.8	88.4	128	134	128A	116	110	108	103	25
26	102	94.8	88.0	77.2	88.8	128	135	128A	116	109	108	103	26
27	102	94.4	88.4	77.0	88.8	128	134	128A	114	109	108	103	27
28	102	93.8	88.8	78.8	80.1	127	132	128E	114	110	108	103	28
29	102		83.8	78.8	80.7	128	132	124E	114	110	108	102	29
30	102		84.3	78.8	81.4	129	133	124E	114	109	108	102	30
31	101		84.3		83.1		134	124E		110		102	31
TOTAL	3 218	2 731.6	2 726.7	2 408.8	2 884.0	3 393.6	4 100	4 008	3 841	3 802	3 280	3 285	TOTAL
MEAN	104	97.5	88.0	80.3	82.4	113	132	129	118	113	109	105	MEAN
MAX	107	101	93.3	84.2	83.1	129	135	133	118	111	109	108	MAX
MIN	101	93.8	83.8	78.8	78.8	88.2	130	124	114	109	108	102	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 108
MAXIMUM DAILY, 135 ON JUL 15
MINIMUM DAILY, 78.8 ON APR 28
MAXIMUM INSTANTANEOUS,
138 AT 21:00 MST ON JUL 15

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 65 36 24 N
LONG 117 45 59 W
DRAINAGE AREA, 31 100 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	278 000	JUL	354 000
FEB	238 000	AUG	346 000
MAR	235 000	SEP	306 000
APR	208 000	OCT	303 000
MAY	221 000	NOV	283 000
JUN	283 000	DEC	282 000

TOTAL DISCHARGE, 3 380 000 dam³

CARCAJOU RIVER BELOW IMPERIAL RIVER - STATION NO. 10KB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	14.1B	11.0B	10.1B	10.2B	140 B	341	133	98.3	75.0	63.8	28.6B	18.8B	1
2	14.0B	11.0B	10.1B	10.2B	168 B	322	211	93.6	74.5	61.7	26.1B	16.4B	2
3	13.8B	10.8B	10.1B	10.2B	158 E	260	184	86.3	73.6	61.8	25.0B	15.2B	3
4	13.7B	10.8B	10.1B	10.3B	142 E	182	161	107	72.6	59.6	73.2	24.6B	15.6B	4
5	13.8B	10.8B	10.1B	10.3B	213 A	283	133	132	70.9	73.2	24.6B	15.6B	5
6	13.4B	10.7B	10.1B	10.3B	246	337	103	114	72.2	85.2	24.0B	15.8B	6
7	13.3B	10.7B	10.0B	10.4B	172	302	93.3	104	67.6	84.6	23.7B	15.6B	7
8	13.2B	10.7B	10.0B	10.6B	150	184	82.3	96.4	66.1	83.4	23.2B	15.3B	8
9	13.0B	10.6B	10.0B	10.8B	132	183	101	86.6	61.8	81.1	22.6B	15.1B	9
10	12.9B	10.6B	10.0B	10.7B	118	153	92.9	81.3	67.4	80.4	22.4B	15.0B	10
11	12.8B	10.6B	10.0B	10.6B	83.8	138	84.3	85.8	67.4	88.4	22.1B	14.8B	11
12	12.7B	10.6B	10.0B	10.6B	87.7	122	120	82.6	62.7	84.4	21.7B	14.7B	12
13	12.6B	10.6B	10.0B	11.0B	46.3	111	141	78.6	62.7	49.2B	21.4B	14.6B	13
14	12.5B	10.5B	10.0B	11.2B	62.8	118	111	76.3	65.4	46.6B	21.0B	14.4B	14
15	12.4B	10.4B	10.0B	11.4B	87.4	384	84.7	85.6	108	44.6B	20.7B	14.3B	15
16	12.3B	10.4B	10.0B	11.8B	87.8	848	80.6	80.6	108	42.6B	20.3B	14.1B	16
17	12.1B	10.4B	10.0B	11.8B	108	873	87.0	87.4	101	41.2B	20.0B	14.0B	17
18	12.0B	10.4B	10.0B	12.2B	88.4	463	107	83.9	86.2	38.6B	19.7B	13.8B	18
19	11.8B	10.4B	10.0B	12.6B	86.7	378	178	84.4	85.7	36.2B	19.4B	13.7B	19
20	11.8B	10.3B	10.0B	13.0B	78.6	304	137	88.1	80.9	36.9B	19.1B	13.6B	20
21	11.8B	10.3B	10.0B	13.3B	113	249	120	100	74.8	35.7B	18.8B	13.5B	21
22	11.7B	10.3B	10.0B	13.8B	130	188	145	127	73.0	34.7B	18.6B	13.4B	22
23	11.6B	10.3B	10.0B	14.6B	162	164	147	121	71.7	33.6B	18.3B	13.3B	23
24	11.6B	10.3B	10.0B	15.9B	101	155	137	108	70.0	32.7B	18.0B	13.2B	24
25	11.6B	10.3B	10.0B	16.9B	71.8	184	139	98.6	67.8	31.8B	17.8B	13.1B	25
26	11.4B	10.2B	10.1B	18.2B	82.8	248	137	92.8	68.0	31.0B	17.6B	13.0B	26
27	11.4B	10.2B	10.1B	20.6B	88.8	260	128	87.4	67.1	30.2B	17.4B	12.8B	27
28	11.3B	10.2B	10.1B	25.0B	74.7	198	125	83.0	71.8	29.6B	17.2B	12.7B	28
29	11.3B		10.1B	35.0B	128	130	144	80.6	70.1	28.7B	17.0B	12.6B	29
30	11.3B		10.1B	80.0B	232	113	127	78.1	67.4	28.0B	16.8B	12.5B	30
31	11.1B		10.2B		384		111	77.6		27.6B		12.5B	31
TOTAL	383.8	284.3	311.3	462.8	3 744.4	7 883	3 878.3	2 928.3	2 481.1	1 442.8	627.1	442.2	TOTAL
MEAN	12.4	10.5	10.0	15.1	121	282	135	94.5	81.7	46.5	20.9	14.3	MEAN
MAX	14.1	11.0	10.2	80.0	384	848	211	132	108	73.2	28.6	18.8	MAX
MIN	11.1	10.2	10.0	10.2	46.3	111	87.0	77.6	66.0	27.6	16.8	12.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 88.0
MAXIMUM DAILY, 848 ON JUN 16
MINIMUM DAILY, 10.0B ON MAR 7
MAXIMUM INSTANTANEOUS,
1 170 AT 10:31 MST ON JUN 16

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 65 17 52 N
LONG 127 41 05 W
DRAINAGE AREA, 7 400 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	33 200	JUL	335 000
FEB	25 400	AUG	253 000
MAR	25 000	SEP	212 000
APR	38 100	OCT	125 000
MAY	334 000	NOV	54 200
JUN	679 000	DEC	38 200

TOTAL DISCHARGE, 2 150 000 dam³

NORTHWEST TERRITORIES

CARIBOU CREEK ABOVE HIGHWAY NO. 8 - STATION NO. 10LC007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.8308	0.0108	0	0	0 B	11.4	2.02	1.35	2.60	3.288	1.13 B	0.9088	1
2	0.5108	0.0088	0	0	0 B	9.88	1.83	1.23	2.48	3.17	1.11 B	0.8008	2
3	0.4908	0.0038	0	0	0 B	8.47	1.83	1.30	2.47	3.05	1.08 B	0.5908	3
4	0.4788	0 B	0	0	0 B	7.58	1.78	1.17	2.40	2.818	1.08 B	0.5308	4
5	0.4858	0 B	0	0	0 B	8.78	1.74	1.18	2.38	2.808	1.04 B	0.5708	5
6	0.4408	0 B	0	0	0 B	8.34	1.88	1.08	2.37	2.888	1.02 B	0.5828	6
7	0.4208	0 B	0	0	0 B	8.11	1.88	1.04	2.38	2.74	1.00 B	0.5658	7
8	0.4008	0 B	0	0	0 B	8.60	1.83	1.04	2.38	2.68	0.9788	0.5508	8
9	0.3858	0 B	0	0	0 B	8.32	1.88	1.04	2.38	2.488	0.8588	0.5428	9
10	0.3988	0 B	0	0	0 B	4.84	1.88	1.03	2.31	2.208	0.8388	0.5358	10
11	0.3808	0 B	0	0	0 B	4.74	1.48	1.01	2.33	1.888	0.8188	0.5328	11
12	0.3338	0 B	0	0	0 B	4.87	1.48	1.00	2.48	1.788	0.8888	0.5208	12
13	0.3178	0 B	0	0	0 B	4.34	1.40	0.884	3.19	1.888	0.8788	0.5128	13
14	0.3008	0 B	0	0	0 B	4.12	1.38	0.884	3.47	1.888	0.8608	0.5088	14
15	0.2888	0 B	0	0	0 B	3.80	1.88	1.09	3.88	1.818	0.8408	0.5008	15
16	0.2708	0 B	0	0	0 B	3.78	4.88	1.11	4.14	1.878	0.8208	0.4888	16
17	0.2548	0 B	0	0	0 B	3.82	3.80	1.13	3.81	1.848	0.8008	0.4808	17
18	0.2408	0 B	0	0	0 B	3.81	2.88	1.14	3.58	1.808	0.7868	0.4888	18
19	0.2288	0 B	0	0	0 B	3.81	2.43	1.14	3.13	1.478	0.7888	0.4808	19
20	0.2148	0 B	0	0	0 B	3.30	2.17	1.15	2.848	1.448	0.7508	0.4748	20
21	0.2008	0 B	0	0	0.2808	3.25	2.22	2.28 A	2.708	1.418	0.7388	0.4888	21
22	0.1758	0 B	0	0	0.6508	3.11	2.16	3.80 E	2.808	1.388	0.7208	0.4808	22
23	0.1508	0 B	0	0	1.20 B	2.98	1.88	4.00 E	2.858	1.388	0.7038	0.4888	23
24	0.1258	0 B	0	0	2.60 B	2.84	1.78	3.80 E	2.84	1.338	0.8908	0.4488	24
25	0.1008	0 B	0	0	5.35 B	2.78	1.87	3.45 A	2.87	1.308	0.8788	0.4358	25
26	0.0858	0 B	0	0	12.6 B	2.81	1.53	3.20	2.86	1.278	0.8808	0.4288	26
27	0.0708	0 B	0	0	15.5 B	2.44	1.52	2.87	3.03	1.258	0.8488	0.4208	27
28	0.0588	0 B	0	0	16.5 B	2.36	1.50	2.76	3.25	1.238	0.8388	0.4088	28
29	0.0408		0	0	14.5 B	2.23	1.41	2.61	3.288	1.208	0.8288	0.3988	29
30	0.0308		0	0	12.5	2.13	1.38	2.47	3.368	1.188	0.8188	0.3708	30
31	0.0208		0		12.0		1.30	2.60		1.188		0.3408	31
TOTAL	8.318	0.017	0	0	84.250	138.16	58.84	88.428	85.39	57.88	25.328	15.283	TOTAL
MEAN	0.288	0.001	0	0	2.04	4.61	1.80	1.78	2.84	1.87	0.844	0.493	MEAN
MAX	0.830	0.010	0	0	16.5	11.4	4.88	4.00	4.14	3.28	1.13	0.908	MAX
MIN	0.020	0	0	0	0	2.13	1.30	0.884	2.23	1.18	0.818	0.340	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.48
MAXIMUM DAILY, 16.88 ON MAY 25
MINIMUM DAILY, 08 ON FEB 4

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 08 33 N
LONG 133 28 24 W
DRAINAGE AREA, 825 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	718	JUL 5 090	
FEB	1 47	AUG 4 780	
MAR	0	SEP 7 370	
APR	0	OCT 5 010	
MAY	8 140	NOV 2 190	
JUN	11 900	DEC 1 320	

TOTAL DISCHARGE, 48 500 dam³

CARNWATH RIVER BELOW ANDREW RIVER - STATION NO. 10NA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.748	1.30 B	0.8758	0.4108	0.8208	447	80.5	24.4	14.8	57.2	13.8 B	3.458	1
2	2.678	1.27 B	0.8508	0.4058	0.8508	388	77.3	23.7	16.0	57.8	13.2 B	3.308	2
3	2.808	1.24 B	0.8368	0.4028	0.8008	360	75.2	22.6	17.0	57.8	12.8 B	3.188	3
4	2.648	1.21 B	0.8258	0.4008	0.8708	336	72.0	21.4	20.0	58.8	12.0 B	3.038	4
5	2.488	1.18 B	0.8108	0.3988	0.7408	311	68.3	20.2	21.5	54.8	11.4 B	2.808	5
6	2.428	1.18 B	0.8988	0.3858	0.8308	280	65.4	19.5	23.8	52.2	10.8 B	2.788	6
7	2.368	1.12 B	0.8888	0.3838	0.8938	271	63.0	19.1	26.0	50.7	10.3 B	2.888	7
8	2.308	1.10 B	0.8778	0.3818	1.14 B	265	58.8	18.3	27.7	48.7	9.808	2.848	8
9	2.248	1.08 B	0.8658	0.3808	1.85 B	248	57.1	17.8	28.7	47.5	9.308	2.488	9
10	2.188	1.08 B	0.8588	0.3808	2.30 B	228	55.3	17.0	32.8	46.4	8.808	2.348	10
11	2.128	1.03 B	0.8488	0.3808	3.40 B	212	53.8	16.8	33.0	43.7	8.408	2.258	11
12	2.068	1.00 B	0.8358	0.3808	5.00 B	199	51.8	15.8	32.5	42.2	8.008	2.188	12
13	2.038	0.9808	0.8258	0.3888	5.00 B	187	48.8	15.4	35.0	37.68	7.708	2.088	13
14	1.988	0.8908	0.8188	0.3888	5.80 B	174	48.0	14.8	38.2	36.08	7.208	1.888	14
15	1.938	0.8308	0.8068	0.3888	6.80 B	163	46.3	14.8	46.4	33.08	7.008	1.808	15
16	1.888	0.8108	0.8008	0.3888	8.30 B	154	46.8	15.2	52.7	31.38	6.858	1.828	16
17	1.858	0.8008	0.4838	0.3888	8.30 B	144	45.8	15.8	60.8	29.88	6.358	1.788	17
18	1.808	0.8708	0.4648	0.3888	7.58 B	142	45.2	15.8	67.4	28.28	6.058	1.888	18
19	1.758	0.8508	0.4778	0.3908	6.40 B	137	43.7	15.8	71.0	26.88	5.808	1.838	19
20	1.728	0.8308	0.4708	0.3908	8.50 B	132	41.4	15.8	70.3	25.58	5.858	1.888	20
21	1.688	0.8108	0.4648	0.3908	5.60 B	128	39.1	15.1	66.8	24.28	5.208	1.808	21
22	1.648	0.7958	0.4648	0.3818	4.00 B	124	37.8	15.0	64.4	22.08	5.018	1.468	22
23	1.608	0.7758	0.4608	0.3828	35.0 B	118	36.1	15.0	59.1	21.78	4.858	1.388	23
24	1.578	0.7608	0.4458	0.3868	200 B	114	34.3	14.8	56.8	20.78	4.808	1.358	24
25	1.538	0.7408	0.4408	0.3868	500 B	108	32.8	15.1	54.3	19.88	4.458	1.298	25
26	1.508	0.7258	0.4388	0.4068	480 B	103	31.0	15.2	52.8	18.88	4.288	1.248	26
27	1.488	0.7108	0.4328	0.4208	488	98.1	30.0	15.8	51.8	17.88	4.088	1.188	27
28	1.428	0.6958	0.4268	0.4348	503	92.8	28.3	15.4	52.1	16.88	3.908	1.148	28
29	1.388		0.4248	0.4528	558	88.2	28.3	15.2	53.8	16.18	3.728	1.108	29
30	1.388		0.4208	0.4408	561	84.1	28.8	14.8	55.8	15.48	3.588	1.088	30
31	1.338		0.4158		501		28.7	14.3		14.88		1.028	31
TOTAL	60.18	28.898	15.848	12.027	3 981.800	5 838.3	1 488.0	524.8	1 303.8	1 088.2	224.75	81.13	TOTAL
MEAN	1.94	0.884	0.814	0.401	128	195	48.4	16.9	43.4	34.5	7.48	1.87	MEAN
MAX	2.74	1.30	0.875	0.480	696	447	80.5	24.4	71.0	57.8	13.8	3.45	MAX
MIN	1.33	0.695	0.418	0.388	0.830	84.1	28.7	14.3	14.8	14.8	3.58	1.02	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 40.0
MAXIMUM DAILY, 696 ON MAY 28
MINIMUM DAILY, 0.3888 ON APR 13

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 23 33 N
LONG 128 56 58 W
DRAINAGE AREA, 21 800 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 200	JUL 130 000	
FEB	2 330	AUG 48 400	
MAR	1 380	SEP 113 000	
APR	1 040	OCT 82 400	
MAY	344 000	NOV 18 400	
JUN	505 000	DEC 8 280	

TOTAL DISCHARGE, 1 280 000 dam³

COPPERMINE RIVER ABOVE COPPER CREEK - STATION NO. 10PC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN		FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	142	B	88.88	74.88	88.88	74.18	2188	538	382	274	217	1888	1288	1
2	140	B	88.88	74.88	88.88	74.88	3888	516	368	278	217	1848	1288	2
3	138	B	83.88	74.18	88.78	78.48	4588	508	365	268	214	1818	1288	3
4	137	B	82.88	73.78	88.78	78.88	5388	501	348	268	214	1888	1278	4
5	136	B	81.38	73.38	88.88	78.88	5488	488	342	283	210	1888	1278	5
6	134	B	80.88	72.88	88.88	77.38	1 258	488	337	281	208	1828	1288	6
7	132	B	88.88	72.48	88.88	77.48	1 2888	472	334	288	208	1488	1288	7
8	130	B	88.88	72.38	88.78	78.48	1 288	472	333	288	210	1478	1288	8
9	128	B	87.88	71.88	88.88	78.88	1 228	487	333	284	208	1448	1248	9
10	126	B	86.88	71.28	88.88	78.88	1 288	467	321	288	208	1428	1238	10
11	126	B	85.88	70.88	88.88	80.28	1 288	483	327	288	208	1418	1238	11
12	126	B	84.88	70.48	88.38	81.88	1 318	474	328	284	208	1488	1228	12
13	133	B	84.38	70.88	88.88	81.88	1 318	488	328	282	222	1388	1218	13
14	131	B	83.78	88.88	88.88	82.88	1 138	486	328	282	209	1388	1218	14
15	118	B	83.18	88.88	87.18	83.48	1 888	483	321	246	208	1388	1208	15
16	118	B	82.88	88.38	87.48	84.28	987	444	318	248	195	1388	1208	16
17	117	B	81.88	88.18	87.78	85.88	913	438	318	244	188	1378	1188	17
18	116	B	81.38	86.88	86.88	86.88	882	426	318	243	188	1388	1188	18
19	114	B	88.78	88.78	88.38	86.78	883	428	317	248	171	1388	1188	18
20	113	B	88.18	88.48	88.88	87.88	788	418	313	228	184	1388	1178	20
21	112	B	78.88	88.28	88.88	88.28	731	488	308	234	188	1388	1178	21
22	118	B	78.88	88.88	88.18	88.28	783	388	384	235	2188	1348	1188	22
23	188	B	78.38	87.88	88.48	88.88	881	381	381	235	2138	1348	1188	23
24	187	B	77.78	87.88	88.78	88.88	888	385	288	224	214	1338	1188	24
25	188	B	77.18	87.38	78.88	91.88	843	384	284	221	283	1328	1148	25
26	183	B	78.48	87.18	78.78	93.58	828	382	282	221	1858	1318	1138	26
27	182	B	75.88	86.88	71.48	96.58	887	388	288	218	1898	1318	1128	27
28	181	B	75.48	86.78	72.88	188 B	888	378	288	217	1628	1388	1128	28
29	96.58			86.48	72.78	188 B	882	378	281	218	1798	1388	1118	29
30	96.88			88.28	73.48	128 B	847	372	278	228	1748	1298	1188	30
31	97.88			88.88		188 B		388	277		1788		1898	31
TOTAL	3 878.8		2 357.5	2 186.8	2 837.5	2 738.8	25 858	13 888	8 843	7 334	8 281	4 238	3 788	TOTAL
MEAN	118		84.2	88.8	87.8	88.3	852	438	318	244	288	141	128	MEAN
MAX	142		88.8	74.8	73.4	188	1 388	538	382	274	322	188	128	MAX
MIN	87.8		75.4	88.8	88.8	74.1	218	388	277	217	178	128	188	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 228
MAXIMUM DAILY, 1 388 ON JUN 11
MINIMUM DAILY, 88.88 ON APR 6
MAXIMUM INSTANTANEOUS,
1 418 AT 83:33 MST ON JUN 11

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 67 13 41 N
LONG 115 83 17 W
DRAINAGE AREA, 48 888 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	318 888	JUL	1 178 888
FEB	284 888	AUG	858 888
MAR	187 888	SEP	834 888
APR	178 888	OCT	838 888
MAY	237 888	NOV	388 888
JUN	2 218 888	DEC	328 888

TOTAL DISCHARGE, 7 218 888 dam³

COPPERMINE RIVER AT OUTLET OF POINT LAKE - STATION NO. 10PE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	78.1	84.3	83.2	48.8	38.7	48.2	178	188	155	118	88.8	78.5	1
2	78.7	84.8	83.8	44.8	38.8	48.8	178	188	154	118	88.7	78.3	2
3	78.8	83.3	82.8	44.3	38.5	48.8	178	188	152	118	88.8	78.4	3
4	77.7	82.8	81.8	44.1	38.4	88.8	182	188	151	122	88.4	78.8	4
5	78.8	82.8	81.7	43.8	38.4	88.2	184	188	188	128	88.7	78.2	5
6	78.8	81.7	81.8	43.8	38.5	83.8	188	188	188	118	88.8	78.8	6
7	74.8	81.8	81.8	43.5	38.8	88.8	188	188	188	118	87.4	78.7	7
8	74.4	81.2	81.4	43.3	38.8	78.1	188	188	188	118	88.8	78.3	8
9	74.3	81.1	81.8	43.1	38.4	73.8	188	188	143	117	88.3	77.8	9
18	74.3	88.8	88.3	42.8	38.8	77.7	181	188	141	118	84.2	77.8	18
11	73.8	88.8	88.8	42.8	48.1	81.8	181	187	148	118	83.2	78.4	11
12	73.8	88.8	88.8	42.8	48.2	88.3	184	188	138	114	81.4	78.8	12
13	72.8	88.8	48.8	42.8	38.8	91.2	184	185	136	113	88.8	78.4	13
14	71.8	88.3	48.8	42.8	38.8	88.8	185	184	138	113	88.8	74.8	14
15	71.8	88.8	48.3	42.8	38.5	183	187	186	138	112	88.8	74.8	15
16	78.7	88.8	48.8	43.2	38.4	188	187	183	138	112	88.8	74.3	16
17	78.4	88.1	48.8	42.8	38.3	118	288	181	138	113	88.8	73.8	17
18	88.8	87.8	48.3	41.7	38.3	122	288	178	133	113	87.3	73.8	18
19	88.3	88.8	47.8	41.4	38.3	128	188	178	132	112	88.8	73.2	19
28	88.2	88.4	48.8	41.2	38.8	138	188	174	138	188	88.8	72.8	28
21	88.8	88.2	47.7	41.1	38.8	148	188	172	128	118	85.7	71.7	21
22	88.8	88.8	47.3	41.1	48.8	144	288	172	127	188	85.7	71.8	22
23	87.7	88.8	48.8	41.1	41.2	148	288	178	128	187	84.3	78.7	23
24	87.8	88.8	48.8	41.1	41.4	163	188	188	128	187	83.7	78.3	24
25	87.3	88.7	48.3	41.8	41.8	187	188	187	128	188	83.8	88.8	25
26	87.1	88.8	48.1	48.8	41.8	182	288	185	128	185	83.7	88.8	26
27	86.8	84.8	45.8	48.1	42.8	188	288	182	127	184	83.3	88.4	27
28	88.3	83.8	45.8	38.8	42.8	188	187	188	124	185	82.1	88.1	28
29	88.2		45.8	38.8	43.8	172	184	188	121	185	81.2	87.7	29
38	84.8		45.4	38.8	88.8	178	183	187	128	188	88.8	87.1	38
31	84.8		48.8		47.8		183	188		182		88.4	31
TOTAL	2 211.8	1 882.8	1 817.8	1 288.8	1 288.8	3 278.4	5 877	5 888	4 187	3 478	2 783.8	2 388.1	TOTAL
MEAN	71.3	88.8	48.8	42.2	48.8	188	183	177	137	112	88.1	73.8	MEAN
MAX	78.1	84.3	83.2	48.8	47.8	178	288	188	155	122	88.8	78.8	MAX
MIN	84.8	83.8	45.8	38.8	38.3	48.2	178	188	128	182	88.4	88.4	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 88.8
MAXIMUM DAILY, 288 ON JUL 17
MINIMUM DAILY, 38.3 ON MAY 17
MAXIMUM INSTANTANEOUS,
212 AT 88:88 MST ON JUL 27

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 24 48 N
LONG 114 88 14 W
DRAINAGE AREA, 18 388 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	181 888	JUL	518 888
FEB	143 888	AUG	478 888
MAR	131 888	SEP	388 888
APR	188 888	OCT	381 888
MAY	188 888	NOV	234 888
JUN	283 888	DEC	188 888

TOTAL DISCHARGE, 3 858 888 dam³

NORTHWEST TERRITORIES

DIANA RIVER NEAR RANKIN INLET - STATION NO. 08NC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	0B	0B	0 B	55.7	27.6	10.7	5.68B	1.73 B	0.088B	1
2	0B	0B	0B	0B	0B	0 B	54.8	26.8	10.1	5.29B	1.61 B	0.087B	2
3	0B	0B	0B	0B	0B	0 B	54.1	26.1	9.71	5.09B	1.50 B	0.048B	3
4	0B	0B	0B	0B	0B	0 B	53.6	25.5	9.29	4.90B	1.36 B	0.028B	4
5	0B	0B	0B	0B	0B	0 B	51.1	24.1	8.12A	4.70B	1.28 B	0.010B	5
6	0B	0B	0B	0B	0B	0 B	50.5	22.7	8.56	4.54B	1.18 B	0.007B	6
7	0B	0B	0B	0B	0B	0 B	49.9	22.3	8.51	4.38B	1.11 B	0.003B	7
8	0B	0B	0B	0B	0B	0 B	49.1	21.6	8.22	4.33B	1.02 B	0 B	8
9	0B	0B	0B	0B	0B	0 B	49.8	21.4	8.21	4.09B	0.918B	0 B	9
10	0B	0B	0B	0B	0B	0 B	50.0	20.0	8.13	3.90B	0.880B	0 B	10
11	0B	0B	0B	0B	0B	0 B	49.2	18.8	8.00	3.76B	0.823B	0 B	11
12	0B	0B	0B	0B	0B	0 B	47.6	17.8	7.63	3.66B	0.764B	0 B	12
13	0B	0B	0B	0B	0B	0 B	46.6	17.0	7.74	3.53B	0.700B	0 B	13
14	0B	0B	0B	0B	0B	0 B	46.3	16.6	7.88	3.40B	0.648B	0 B	14
15	0B	0B	0B	0B	0B	0.060B	45.3	16.1	7.84	3.26B	0.590B	0 B	15
16	0B	0B	0B	0B	0B	0.130B	43.7	15.4	7.08	3.18B	0.550B	0 B	16
17	0B	0B	0B	0B	0B	0.250B	42.3	15.1	6.83	3.06B	0.510B	0 B	17
18	0B	0B	0B	0B	0B	1.15 B	40.5	14.7	6.83	2.87B	0.470B	0 B	18
19	0B	0B	0B	0B	0B	3.25 B	38.6	14.3	6.83	2.67B	0.420B	0 B	19
20	0B	0B	0B	0B	0B	5.80 B	38.7	14.7	6.83	2.67B	0.420B	0 B	20
21	0B	0B	0B	0B	0B	13.0 B	37.8	13.8	6.83	2.77B	0.380B	0 B	21
22	0B	0B	0B	0B	0B	25.0 B	35.2	13.1	6.83	2.88B	0.353B	0 B	22
23	0B	0B	0B	0B	0B	53.4 B	34.0	12.7	6.83	2.80B	0.318B	0 B	23
24	0B	0B	0B	0B	0B	54.3 B	34.0	12.5	6.83	2.81B	0.278B	0 B	24
25	0B	0B	0B	0B	0B	55.0 B	36.1	12.0	6.83	2.43B	0.242B	0 B	25
26	0B	0B	0B	0B	0B	55.6 B	35.0	11.5	6.83	2.34B	0.208B	0 B	26
27	0B	0B	0B	0B	0B	57.9 B	32.8	10.5	6.83	2.29B	0.188B	0 B	27
28	0B	0B	0B	0B	0B	56.1	31.6	10.4	6.40B	2.18B	0.188B	0 B	28
29	0B		0B	0B	0B	57.3	30.7	10.7	6.18B	2.10B	0.145B	0 B	29
30	0B		0B	0B	0B	57.4	29.8	11.1	5.85B	2.01B	0.125B	0 B	30
31	0B		0B		0B	56.7	28.8	11.2	5.86B	1.93B	0.108B	0 B	31
							28.3	11.1					
TOTAL	0	0	0	0	0	558.440	1 304.2	626.2	229.83	103.06	20.838	0.250	TOTAL
MEAN	0	0	0	0	0	18.5	42.1	17.0	7.66	3.35	0.686	0.008	MEAN
MAX	0	0	0	0	0	56.1	55.7	27.6	10.7	5.68	1.73	0.088	MAX
MIN	0	0	0	0	0	0	28.3	10.4	6.86	1.86	0.108	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.81
MAXIMUM DAILY, 56.1 ON JUN 27
MINIMUM DAILY, 0B ON JAN 1
MAXIMUM INSTANTANEOUS,
60.8 AT 03:50 CST ON JUN 27

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 51 32 N
LONG 82 24 30 W
DRAINAGE AREA, 1 460 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	113 000
FEB	0	AUG	48 500
MAR	0	SEP	19 800
APR	0	OCT	8 940
MAY	0	NOV	1 780
JUN	48 100	DEC	21.6

TOTAL DISCHARGE, 237 000 dam³

DUBAWNT LAKE NEAR SNOW ISLAND - STATION NO. 08KC004

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	231.288E	231.205	231.588	231.784	231.648	231.635	231.630	231.780	1
2	---	---	---	---	231.284A	231.202	231.592	231.787	231.648	231.643	231.628	231.763	2
3	---	---	---	---	231.278	231.203	231.599A	231.800	231.648	231.642	231.633	231.770	3
4	---	---	---	---	231.268	231.200	231.606	231.802	231.648	231.647	231.638	231.768	4
5	---	---	---	---	231.272	231.204	231.618	231.805	231.647	231.648	231.637	231.755	5
6	---	---	---	---	231.287	231.208	231.627	231.808	231.653	231.678	231.637	231.783	6
7	---	---	---	---	231.283	231.207	231.628	231.809	231.653	231.678	231.632	231.780	7
8	---	---	---	---	231.269	231.214	231.633	231.811	231.628	231.680	231.637	231.746	8
9	---	---	---	---	231.265	231.226	231.636	231.810	231.647	231.662	231.633	231.741	9
10	---	---	---	---	231.264	231.239	231.650	231.808	231.648	231.664	231.628	231.738	10
11	---	---	---	---	231.261	231.256	231.664	231.811	231.648	231.664	231.623	231.731	11
12	---	---	---	---	231.258	231.263	231.683	231.812	231.642	231.660	231.618	231.720	12
13	---	---	---	---	231.255	231.317	231.688	231.814	231.637	231.671	231.616	231.723	13
14	---	---	---	---	231.257	231.347	231.672	231.818	231.648	231.670	231.612	231.728	14
15	---	---	---	---	231.248	231.374	231.680	231.820	231.648	231.670	231.603	231.728	15
16	---	---	---	---	231.243	231.388	231.688	231.813	231.648	231.670	231.600	231.722	16
17	---	---	---	---	231.241	231.424	231.691	231.808	231.643	231.678	231.788	231.715	17
18	---	---	---	---	231.238	231.440	231.684	231.801	231.644	231.674	231.783	231.702	18
19	---	---	---	---	231.233	231.458	231.700	231.806	231.688	231.688	231.782	231.708	19
20	---	---	---	---	231.232	231.472	231.717	231.802	231.803	231.688	231.788	231.712	20
21	---	---	---	---	231.228	231.485	231.721	231.800	231.812	231.661	231.761	231.710	21
22	---	---	---	---	231.226	231.494	231.728	231.803	231.830	231.667	231.773	231.711	22
23	231.808A	---	---	---	231.227	231.508	231.730	231.808	231.848	231.674	231.770	231.700	23
24	---	---	---	---	231.223	231.518	231.743	231.830	231.832	231.679	231.770	231.684	24
25	---	---	---	---	231.218	231.531	231.758	231.838	231.837	231.670	231.774	231.684	25
26	---	---	---	---	231.218	231.542	231.763	231.833	231.858	231.661	231.772	231.685	26
27	---	---	---	---	231.214	231.550	231.767	231.833	231.835	231.673	231.788	231.681	27
28	---	---	---	231.288A	231.211	231.558	231.771	231.841	231.821	231.678	231.785	231.686	28
29	---	---	---	---	231.207	231.563	231.773	231.836	231.828	231.648	231.783	231.691	29
30	---	---	---	---	231.211	231.578	231.778	231.843	231.828	231.638	231.783	231.684	30
31	---		---		231.208		231.780	231.844		231.631		231.684	31
MEAN	---	---	---	---	231.243	231.374	231.688	231.815	231.661	231.667	231.602	231.732	MEAN
MAX	---	---	---	---	231.288	231.578	231.780	231.844	231.858	231.688	231.637	231.770	MAX
MIN	---	---	---	---	231.208	231.200	231.588	231.784	231.803	231.631	231.763	231.691	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 231.888 ON OCT 20
MINIMUM DAILY, 231.200 ON JUN 4
MAXIMUM INSTANTANEOUS,
231.910 AT 14:45 CST ON OCT 20

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 13 30 N
LONG 101 48 30 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

DUBAWNT RIVER AT OUTLET OF MARJORIE LAKE - STATION NO. 08KC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3638	3508	3338	3188	3008	2858	713	886	490	508	4818	4868	1
2	3628	3488	3328	3188	3008	2878	712	880	480	512	4888	4868	2
3	3628	3488	3328	3148	2988	2908	698	868	483	513	4868	4868	3
4	3618	3468	3318	3148	2988	2868	712	863	487	518	4868	4568	4
5	3618	3468	3318	3138	2988	3008	708	862	481	497	4848	4648	5
6	3608	3478	3308	3138	2988	3158	700	848	481	522	4828	4528	6
7	3608	3488	3308	3128	2978	3308	688	848	482	541A	4828	4508	7
8	3608	3488	3298	3128	2968	3428	662	848	488	5348	4828	4488	8
9	3598	3488	3288	3118	2968	3728	672	843	487	5208	4828	4478	9
10	3888	3448	3288	3118	2968	3868	676	834	490	5108	4818	4488	10
11	3588	3448	3288	3108	2958	4208	682	834	488	5158	4808	4448	11
12	3588	3438	3278	3108	2948	4418	688	828	500	5078	4788	4428	12
13	3568	3428	3268	3088	2948	4628	644	828	494	5028	4788	4418	13
14	3568	3418	3268	3088	2938	4838	634	830	492	5028	4768	4408	14
15	3578	3418	3268	3068	2938	5048	628	831	501	5028	4778	4388	15
16	3578	3408	3268	3068	2928	5258	617	820	498	4988	4788	4368	16
17	3578	3408	3248	3078	2928	5.48	608	814	498	4968	4748	4378	17
18	3568	3388	3248	3078	2918	5868	588	808	490	5068	4738	4378	18
19	3568	3388	3238	3068	2918	5868	583	813	504	5048	4718	4368	19
20	3568	3388	3228	3068	2908	5088	581	818	488	5058	4708	4368	20
21	3558	3378	3218	3068	2908	631A	578	807	484	5088	4888	4348	21
22	3558	3378	3218	3068	2888	687	5848	807	508	5088	4878	4338	22
23	3548	3368	3208	3048	2888	678	5848	808	527	5088	4868	4338	23
24	3548	3368	3208	3048	2888	688	5828	810	508	5028	4848	4328	24
25	3538	3358	3198	3038	2888	682	580A	808	508	4988	4838	4318	25
26	3538	3388	3188	3038	2878	708	577	801	523	5088	4828	4308	26
27	3528	3348	3188	3028	2878	718	570	487	511	4838	4818	4288	27
28	3528	3338	3188	3028	2868	718	587	488	488	4878	4598	4288	28
28	3518		3178	3018	2868	712	570	488	485	4988	4868	4278	29
30	3518		3188	3018	2868	712	571	488	488	4918	4878	4288	30
31	3508		3188		2868		566	488		4838		4288	31
TOTAL	11 068	9 581	10 080	9 240	9 083	15 278	19 494	19 221	14 938	15 844	14 232	13 637	TOTAL
MEAN	357	341	325	308	292	509	629	623	498	505	474	440	MEAN
MAX	383	350	333	318	300	718	713	888	527	541	491	488	MAX
MIN	350	333	318	301	288	288	566	488	487	458	457	425	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 434
MAXIMUM DAILY, 718 ON JUN 27
MINIMUM DAILY, 2868 ON MAY 30
MAXIMUM INSTANTANEOUS,
734 AT 01:06 CST ON JUN 27

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 13 52 N
LONG 99 28 37 W
DRAINAGE AREA, 87 300 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	955 000	JUL 1 680 000	
FEB	826 000	AUG 1 660 000	
MAR	869 000	SEP 1 290 000	
APR	798 000	OCT 1 350 000	
MAY	783 000	NOV 1 230 000	
JUN	1 320 000	DEC 1 180 000	

TOTAL DISCHARGE, 13 700 000 dam³

REMARKS - STAGE RECORDS OBTAINED AT 08KC003 AND DISCHARGE MEASUREMENTS 8.0 km DOWNSTREAM

DUNCAN LAKE NEAR YELLOWKNIFE - STATION NO. 07SB012

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	212.957	212.917E	212.884	212.841	212.784	212.848	212.872	212.928	212.818	212.784	212.711	212.702	1
2	212.956	212.917E	212.886	212.838	212.784	212.848	212.873	212.931	212.818	212.784	212.708	212.708	2
3	212.956	212.916E	212.885	212.837	212.781	212.844	212.873	212.931	212.818	212.785	212.706	212.710	3
4	212.950	212.916E	212.879	212.835	212.782	212.844	213.872	212.928	212.818	212.785	212.887	212.711	4
5	212.950	212.916E	212.872	212.830	212.787	212.848	212.868	212.926	212.814	212.785	212.886	212.712	5
6	212.950	212.914E	212.864A	212.826	212.801	212.847	212.868	212.925	212.810	212.788	212.889	212.715	6
7	212.950	212.914E	212.874	212.824	212.805	212.853	212.870	212.921	212.808	212.748	212.700	212.716	7
8	212.956	212.913E	212.873	212.822	212.807	212.861	212.871	212.917	212.801	212.738	212.702	212.721	8
9	212.955	213.913E	212.873	212.818	212.808	212.862	212.872	212.916	212.795	212.742	212.701	212.724	9
10	212.953	212.912E	212.871	212.817	212.809	212.863	212.871	212.916	212.788	212.745	212.887	212.727	10
11	212.951	212.911E	212.868	212.813	212.784	212.864	212.871	212.914	212.785	212.743	212.885	212.729	11
12	212.950	212.911E	212.861	212.809	212.801	212.869	212.870	212.910	212.783	212.738	212.885	212.731	12
13	212.938	212.910E	212.885	212.804	212.818	212.871	212.871	212.907	212.788	212.740	212.887	212.732	13
14	212.936	212.910A	212.882	212.801	212.821	212.870	212.872	212.904	212.788	212.730	212.888	212.734	14
15	212.938	212.907	212.880	212.802	212.828	212.870	212.870	213.899	212.788	212.725	212.893	212.732	15
16	212.937	212.904	212.882	212.803	212.828	212.870	212.888	212.894	212.788	212.722	212.893	212.728	16
17	212.937	212.900	212.882	212.802	212.828	212.871	212.888	212.882	212.788	212.714	212.893	212.728	17
18	212.934	212.897	212.882	212.802	212.836	212.876	212.889	212.879	212.788	212.713	212.893	212.731	18
19	212.930	212.896	212.881	212.802	212.838	212.877	212.891	212.878	212.783	212.718	212.894	212.717	19
20	212.921	212.897	212.880	212.800	212.837	212.877	212.901	212.867	212.778	212.718	212.894	212.713	20
21	212.922	212.900	212.849	212.798	212.838	212.876	212.900	212.858	212.776	212.722	212.894	212.709	21
22	212.928	212.901	212.849	212.798	212.841	212.877	212.911	212.864	212.767	212.725	212.894	212.707	22
23	212.932	212.898	212.848E	212.794	212.843	2.2.876	212.924	212.851	212.783	212.723	212.894	212.706	23
24	212.925	212.895	212.849A	212.794	212.839	212.876	212.932	212.848	212.783	212.725	212.895	212.705	24
25	212.920	212.890	212.848	212.792	212.848	212.874	212.934	212.848	212.783	212.732	212.897	212.709	25
26	212.928	212.887	212.846	212.792	212.848	212.872	212.933	212.840	212.782	212.727	212.897	212.710	26
27	212.923	212.887	212.843	212.791	212.843	212.870	212.938	212.834	212.782	212.716	212.896	212.708	27
28	212.916	212.884	212.842	212.793	212.842	212.888	212.940	212.831	212.783	212.714	212.897	212.709	28
29	212.916		212.843	212.793	212.842	212.870	212.935	212.828	212.780	212.712	212.896	212.711	29
30	212.918		212.843	212.792	212.843	212.871	212.928	212.828	212.757	212.708	212.898	212.712	30
31	212.918E		212.842		212.843		212.923	212.821		212.707		212.713	31
MEAN	212.938	212.905	212.868	212.809	212.822	212.865	212.892	212.884	212.786	212.731	212.897	212.717	MEAN
MAX	212.960	212.917	212.886	212.841	212.848	212.877	212.940	212.931	212.818	212.788	212.711	212.734	MAX
MIN	212.916	212.884	212.842	212.791	212.791	212.844	212.868	212.821	212.757	212.707	212.893	212.702	MIN

WATER LEVELS IN METRES

MEAN, 212.836
MAXIMUM DAILY, 212.960 ON JAN 4
MINIMUM DAILY, 212.893 ON NOV 18

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 51 00 N
LONG 113 58 00 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1946

NORTHWEST TERRITORIES

ELLICE RIVER NEAR THE MOUTH - STATION NO. 1000001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	0B	0B	0 B	463E	88.5	40.3	39.4	8.86 B	0B	1
2	0B	0B	0B	0B	0B	0 B	413E	85.3	40.1	44.1	7.75 B	0B	2
3	0B	0B	0B	0B	0B	0 B	379E	81.1	39.6	47.7	7.00 B	0B	3
4	0B	0B	0B	0B	0B	0 B	348E	88.4	39.1	47.0	6.41 B	0B	4
5	0B	0B	0B	0B	0B	0 B	321E	80.8	38.8	44.4	5.83 B	0B	5
6	0B	0B	0B	0B	0B	0 B	301E	75.4	38.0	41.7	5.25 B	0B	6
7	0B	0B	0B	0B	0B	3.00B	288E	72.6	37.5	40.5	4.82 B	0B	7
8	0B	0B	0B	0B	0B	7.00B	288E	88.7	38.4	39.2	4.08 B	0B	8
9	0B	0B	0B	0B	0B	26.0 B	247E	85.8	38.4	38.4	3.50 B	0B	9
10	0B	0B	0B	0B	0B	70.0 B	237E	82.9	38.9	31.3	3.25 B	0B	10
11	0B	0B	0B	0B	0B	300 B	232E	80.2	38.7	33.8	2.97 B	0B	11
12	0B	0B	0B	0B	0B	882	213E	87.7	38.3	30.7	2.70 B	0B	12
13	0B	0B	0B	0B	0B	1 200	206E	84.8	42.1	28.0	2.43 B	0B	13
14	0B	0B	0B	0B	0B	1 780 A	199E	82.8	47.4	26.5	2.18 B	0B	14
15	0B	0B	0B	0B	0B	1 680 A	183E	80.8	82.5	25.1	1.89 B	0B	15
16	0B	0B	0B	0B	0B	1 840 E	184E	48.4	84.4	24.1	1.83 B	0B	16
17	0B	0B	0B	0B	0B	1 840 E	173E	46.8	88.8	22.3	1.38 B	0B	17
18	0B	0B	0B	0B	0B	1 440 E	161E	46.4	89.5	25.8	1.08 B	0B	18
19	0B	0B	0B	0B	0B	1 120 E	148E	46.8	81.0	26.0	0.813B	0B	19
20	0B	0B	0B	0B	0B	998 E	142E	46.8	83.0	22.3	0.841B	0B	20
21	0B	0B	0B	0B	0B	886 E	138E	48.9	81.8	22.3	0.270B	0B	21
22	0B	0B	0B	0B	0B	807 E	131E	48.1	80.3	22.8	0 B	0B	22
23	0B	0B	0B	0B	0B	751 E	123E	46.8	88.7	21.7	0 B	0B	23
24	0B	0B	0B	0B	0B	708 E	130E	47.5	85.8	20.8	0 B	0B	24
25	0B	0B	0B	0B	0B	671 E	117E	48.1	85.8	18.0	0 B	0B	25
26	0B	0B	0B	0B	0B	844 E	118A	48.3	80.8	15.8	0 B	0B	26
27	0B	0B	0B	0B	0B	812 E	112	44.3	84.0	14.8 B	0 B	0B	27
28	0B	0B	0B	0B	0B	878 E	111	43.8	48.1	13.3 B	0 B	0B	28
29	0B		0B	0B	0B	838 E	106	43.8	37.2	12.0 B	0 B	0B	29
30	0B		0B	0B	0B	482 E	105	40.8	37.2	10.7 B	0 B	0B	30
31	0B		0B		0B		102	40.4		9.80B		0B	31
TOTAL	0	0	0	0	0	20 343.00	8 349	1 814.5	1 407.5	842.80	74.114	0	TOTAL
MEAN	0	0	0	0	0	678	205	58.5	46.9	27.2	2.47	0	MEAN
MAX	0	0	0	0	0	1 840	463	88.5	83.0	47.7	8.86	0	MAX
MIN	0	0	0	0	0	0	102	40.4	35.4	9.80	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 84.5
MAXIMUM DAILY, 1 840E ON JUN 16
MINIMUM DAILY, 0B ON JAN 1

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 67 42 42 N
LONG 104 08 27 W
DRAINAGE AREA, 16 800 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	948 000
FEB	0	AUG	197 000
MAR	0	SEP	122 000
APR	0	OCT	72 800
MAY	0	NOV	6 400
JUN	1 780 000	DEC	0

TOTAL DISCHARGE, 2 870 000 dam³

EMILE RIVER AT OUTLET OF BASLER LAKE - STATION NO. 07TB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	23.6E	20.7E	17.7A	14.7	12.1	13.8	16.4	20.2	21.5	18.9	18.8	18.2	1
2	23.5E	20.8E	17.7	14.8	12.1	13.6	16.5	20.4	21.6	18.8	18.8	18.3	2
3	23.4E	20.9E	17.7A	14.8	12.1	13.8	16.3	20.8	21.8	20.0A	18.8	18.3	3
4	23.3E	20.4E	17.6A	14.6	12.1	13.8	16.4	20.8	21.8	20.1A	18.8	18.3	4
5	23.3E	20.4E	17.4A	14.3	12.1	13.9	16.8	20.8	21.7	20.1	18.8	18.3	5
6	23.1E	20.3E	17.6	14.3	12.1	14.0	16.6	20.8	21.8	20.1	18.8	18.3A	6
7	23.0E	20.2E	17.3	14.2	12.1	14.0	16.7	21.0	22.1	20.1	18.7	18.2E	7
8	22.8E	20.1E	17.3	14.0	12.1	14.0	17.1	21.0	21.8	20.2	18.6	18.2E	8
9	22.6E	20.0E	17.1A	13.8	12.4	14.0	16.8	21.1	21.3	20.2	18.4	18.2E	9
10	22.7E	19.8E	16.8A	13.6	13.6	14.1	17.0	21.3	20.8	20.2	18.4	18.1E	10
11	22.8E	19.8E	16.7A	13.7	12.7	14.2	17.1	21.6	21.0	20.2	18.4	17.9A	11
12	22.8E	19.7E	16.6	13.7	13.8	14.2	17.0	21.6	21.1	20.1	18.4	17.9A	12
13	22.8E	19.6E	16.6	13.6	13.8	14.2	17.3	21.4	21.1	19.8	18.3	17.9	13
14	22.4E	19.6E	16.5	13.5	13.0	14.8	17.3	21.7	21.0	19.8	18.2	17.9	14
15	22.3E	19.6E	16.4	13.3	13.1	14.7	17.2	21.8	21.1	19.8	18.2	18.0A	15
16	22.3E	19.4A	16.3	13.2	13.2	15.1	17.4	21.9	21.0	19.8	18.3	18.0E	16
17	22.1E	19.3	16.2	13.2	13.2	15.0	17.7	21.4	20.7	19.2	18.3	17.9E	17
18	22.0E	19.2	16.1	13.1	13.3	15.1	18.3	21.8	20.5	19.5	18.4	17.9E	18
19	21.9E	19.1	16.0	13.0	13.3	15.4	18.5	22.6	20.8	19.8	18.7	17.9E	19
20	21.8E	19.0	15.9	12.9	13.8	15.8	18.2	23.2	20.3	19.8	18.1	17.9E	20
21	21.7E	18.9	15.7	12.8	13.8	15.5	18.2	22.1	20.1	19.6	18.1	17.9E	21
22	21.6E	18.6	15.5	12.8	13.8	15.8	18.8	22.1	19.8	19.3	18.0	17.8A	22
23	21.5E	18.7	15.4	12.8	13.8	15.8	18.8	22.0	20.4	19.2	18.3	17.8A	23
24	21.5E	18.8	15.3A	12.6	13.7	15.4	18.8	22.0	20.3	19.0	18.2	17.8A	24
25	21.4E	18.6A	15.1A	12.4	13.7	15.4	18.7	22.1	20.1	19.2	18.2A	17.7A	25
26	21.3E	18.2	15.0A	12.4	13.7	15.8	18.8	22.1	20.1	18.2	18.2E	17.7	26
27	21.2E	18.0	15.1A	12.4	13.7	15.8	18.8	21.9	20.2	18.0	18.1E	17.6	27
28	21.1E	17.8A	15.1	12.3	13.6	15.7	18.3	21.8	20.1	18.8	18.1A	17.8	28
29	21.0E		15.1	12.3	13.7	15.8	20.1	21.8	20.1	18.8	18.2	17.8	29
30	20.8E		14.8	12.3	13.7	16.0	20.0	21.8	20.0	18.8	18.1	17.8	30
31	20.6E		14.8		13.8		20.1	21.8		18.7		17.8	31
TOTAL	687.8	544.6	504.3	400.6	403.0	443.6	552.7	685.8	625.7	607.4	549.9	555.6	TOTAL
MEAN	22.2	19.5	16.3	13.4	13.0	14.8	17.8	21.8	20.8	19.6	18.3	17.8	MEAN
MAX	23.6	20.9	17.7	14.7	13.8	16.0	20.1	22.8	22.1	20.2	18.8	18.3	MAX
MIN	20.6	17.8	14.8	12.3	12.1	13.8	16.3	20.2	19.8	18.7	18.0	17.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 17.8
MAXIMUM DAILY, 23.6E ON JAN 1
MINIMUM DAILY, 12.1 ON MAY 1

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 07 48 N
LONG 116 07 21 W
DRAINAGE AREA, 4 850 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	59 400	JUL	47 600
FEB	47 100	AUG	57 500
MAR	43 500	SEP	54 100
APR	34 600	OCT	52 500
MAY	34 800	NOV	47 500
JUN	38 300	DEC	48 000

TOTAL DISCHARGE, 555 000 dam³

NORTHWEST TERRITORIES

ENNADAI LAKE AT ENNADAI - STATION NO. 09LA002

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	312.244	312.282	312.328	312.240	312.062	312.181	312.886	312.880	312.482	312.844	312.518	312.370A	1
2	312.241	312.287	312.326	312.234	312.077	312.173	312.887	312.826	312.487	312.887	312.508	312.370A	2
3	312.239	312.284	312.324	312.233	312.071	312.190	312.702	312.818	312.482	312.887	312.498	312.377E	3
4	312.236	312.276	312.323	312.231	312.067	312.208	312.886	312.815	312.486	312.870	312.495	312.372A	4
5	312.231	312.268	312.322	312.219	312.062	312.227	312.722	312.886	312.486	312.821	312.482	312.372	5
6	312.235	312.269	312.321	312.209	312.057	312.248	312.721	312.800	312.469	312.896	312.481	312.373	6
7	312.236	312.281	312.319	312.202	312.044	312.272	312.714	312.881	312.431	312.881	312.464	312.372	7
8	312.236	312.284	312.318	312.194	312.029	312.286	312.717	312.886	312.440	312.884	312.464	312.373	8
9	312.236	312.303	312.306	312.192	312.033	312.228	312.882	312.878	312.441A	312.883	312.464	312.385A	9
10	312.237	312.310	312.307	312.178	312.026	312.261	312.717	312.869	312.460	312.840	312.479	312.383A	10
11	312.237	312.311	312.306	312.172	312.009	312.282	312.713	312.844	312.522	312.818	312.474	312.380E	11
12	312.238	312.308	312.310	312.168	312.021	312.413	312.713	312.848	312.488	312.843	312.480	312.384E	12
13	312.232	312.314	312.308	312.162	312.021	312.443	312.713	312.880	312.479	312.882	312.467	312.388E	13
14	312.233	312.313	312.302	312.153	312.021	312.468	312.700	312.837	312.484	312.838	312.468	312.387E	14
15	312.227	312.313	312.295	312.142	312.018	312.466	312.704	312.833	312.800	312.848	312.483	312.347A	15
16	312.226	312.312	312.295	312.142	312.018	312.508	312.701	312.818	312.812	312.850	312.482	312.340	16
17	312.219	312.316	312.295	312.141	312.023	312.518	312.700	312.812	312.811	312.872	312.462	312.332	17
18	312.220	312.324	312.284	312.140	312.036	312.535	312.692	312.680	312.836	312.884	312.441	312.332	18
19	312.228	312.324	312.268	312.133	312.040	312.556	312.688	312.688	312.837	312.843	312.428	312.332	19
20	312.224	312.321	312.285	312.126	312.042	312.573	312.678	312.686	312.838	312.881	312.431	312.332	20
21	312.226	312.324	312.281	312.111	312.040	312.602	312.685	312.685	312.808	312.838	312.434	312.332	21
22	312.224	312.323	312.278	312.118	312.057	312.616	312.683	312.678	312.817	312.827	312.433	312.331A	22
23	312.224	312.317	312.273	312.117	312.058	312.628	312.741	312.672	312.840A	312.827	312.433A	312.328A	23
24	312.225	312.319	312.273	312.114	312.077	312.644	312.676	312.673	312.808A	312.828	312.402A	312.310A	24
25	312.226	312.324	312.270	312.117	312.083	312.655	312.683	312.686	312.841	312.836	312.401	312.310	25
26	312.223	312.327	312.265	312.118	312.086	312.662	312.686	312.370	312.840	312.478	312.401	312.320A	26
27	312.233	312.331	312.266	312.110	312.088	312.669	312.687	312.418	312.802	312.462	312.401	312.312E	27
28	312.232	312.327	312.260	312.101	312.116	312.677	312.687	312.461	312.881	312.810	312.387A	312.312A	28
29	312.239		312.264	312.094	312.127	312.688	312.682	312.472	312.886	312.829	312.388E	312.308E	29
30	312.244		312.262	312.088	312.135	312.694	312.686	312.464	312.842	312.831	312.383E	312.302A	30
31	312.250		312.240		312.148		312.840	312.462		312.821		312.302A	31
MEAN	312.232	312.306	312.293	312.185	312.080	312.462	312.694	312.622	312.601	312.841	312.480	312.343	MEAN
MAX	312.250	312.331	312.328	312.240	312.148	312.694	312.741	312.850	312.556	312.884	312.515	312.379	MAX
MIN	312.219	312.262	312.240	312.088	312.009	312.181	312.840	312.370	312.431	312.478	312.382	312.302	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1988

MEAN, 312.381
MAXIMUM DAILY, 312.741 ON JUL 23
MINIMUM DAILY, 312.009 ON MAY 11
MAXIMUM INSTANTANEOUS,
312.777 AT 07:52 CST ON JUL 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 08 00 N
LONG 100 54 00 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

FERGUSON RIVER BELOW O'NEIL LAKE - STATION NO. 09NB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	13.2 E	9.198	6.008	3.508	2.708	8.308	406	228	111	70.8	36.18	23.88	1
2	12.8 E	9.008	5.908	3.508	2.708	8.308	404	216	108	69.2	35.68	23.38	2
3	12.7 E	8.908	5.808	3.408	2.708	7.008	402	212	105	66.8	35.08	23.08	3
4	12.8 E	8.808	5.708	3.408	2.708	8.508	403	207	101	63.4	34.48	22.78	4
5	12.8 E	8.708	5.608	3.308	2.708	12.2 E	401	201	97.2	62.4	33.88	22.58	5
6	12.4 E	8.608	5.508	3.208	2.708	17.0 E	397	198	97.8	60.6	33.38	22.28	6
7	13.3 E	8.508	5.408	3.208	2.708	22.0 E	389	191	96.4	58.2	32.88	22.08	7
8	13.2 E	8.308	5.308	3.208	2.808	26.8 E	383	186	93.8	56.58	32.38	21.78	8
9	12.1 E	8.208	5.208	3.108	2.808	33.0 E	377	180	93.6	55.58	31.88	21.58	9
10	12.0 E	8.108	5.108	3.108	2.808	39.8 E	372	176	91.6	54.88	31.28	21.38	10
11	11.8 E	8.008	5.008	3.108	2.808	54.8 E	365	170	92.0	53.58	30.88	21.08	11
12	11.8 E	7.808	4.808	3.008	2.808	68.0 E	358	165	88.6	52.58	30.48	20.88	12
13	11.7 E	7.608	4.608	3.008	2.808	120 E	351	162	85.6	51.38	30.08	20.68	13
14	11.6 E	7.708	4.708	3.008	2.808	145 E	344	155	85.2	50.38	29.58	20.48	14
15	11.3 E	7.808	4.808	2.908	2.808	172 E	337	153	83.0	49.88	29.18	20.28	15
16	11.2 E	7.608	4.608	2.908	2.808	188 E	329	146	81.4	48.88	28.78	20.08	16
17	11.1 E	7.408	4.408	2.808	2.808	228 E	321	145	80.6	47.88	28.28	19.78	17
18	11.0 E	7.308	4.308	2.808	2.808	260 E	315	142	78.3	46.88	27.88	19.58	18
19	10.8 E	7.208	4.208	2.808	2.808	280 E	307	139	82.3	45.78	27.58	19.28	19
20	10.6 E	7.108	4.108	2.808	2.808	300 E	297	134	78.4	44.88	27.08	18.88	20
21	10.3 E	7.008	4.008	2.708	2.808	332 E	288	128	88.6	44.08	26.78	18.68	21
22	10.2 E	6.908	4.008	2.708	3.008	350	282	128	77.6	43.08	26.48	18.38	22
23	10.1 E	6.708	3.908	2.708	3.008	350	286	128	75.9	42.38	26.18	18.08	23
24	10.0 E	6.508	3.808	2.708	3.108	350	262	122	70.8	41.38	25.78	17.88	24
25	9.808	6.408	3.808	2.708	3.108	358	272	117	68.7	40.48	25.48	17.68	25
26	9.688	6.308	3.808	2.708	3.208	380	264	112	71.1	39.88	25.08	17.38	26
27	9.708	6.208	3.808	2.708	3.208	370	258	106	66.0	38.28	24.88	17.18	27
28	9.608	6.108	3.708	2.708	3.408	387	250	117	67.6	38.68	24.48	16.88	28
29	9.508		3.708	2.708	3.508	400	243	121	65.3	38.08	24.18	16.78	29
30	9.408		3.808	2.708	3.608	404	234	118	64.2	37.28	23.88	16.68	30
31	9.208		3.808		4.208		231	115		36.78		16.38	31
TOTAL	348.88	213.80	142.80	89.20	91.80	5 877.40	10 148	4 818	2 548.8	1 837.1	877.6	615.0	TOTAL
MEAN	11.1	7.64	4.61	2.87	2.86	188	327	155	85.0	49.8	28.3	19.8	MEAN
MAX	13.2	9.10	6.00	3.50	4.20	404	406	228	111	70.8	36.1	23.8	MAX
MIN	9.20	6.10	3.80	2.70	2.70	8.30	231	105	64.2	36.7	23.8	16.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE YEAR 1988

MEAN, 74.3
MAXIMUM DAILY, 406 ON JUL 1
MINIMUM DAILY, 2.708 ON APR 21
MAXIMUM INSTANTANEOUS,
410 AT 15:09 CST ON JUL 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 26 24 N
LONG 95 02 54 W
DRAINAGE AREA, 12 400 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	25 800	JUL	877 000
FEB	15 500	AUG	418 000
MAR	12 300	SEP	220 000
APR	7 710	OCT	133 000
MAY	7 940	NOV	75 800
JUN	491 000	DEC	53 100

TOTAL DISCHARGE, 3 340 000 dam³

NORTHWEST TERRITORIES

FLAT RIVER AT TUNGSTEN AIRSTRIP - STATION NO. 10EA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.8250	0.6400	0.5000	0.4750	1.040	15.6	8.32	7.92	4.50	1.67	0.6700	0.7750	1
2	0.8150	0.6400	0.5000	0.4800	1.630	17.4	11.2	8.09	4.20	1.68	0.6700	0.7700	2
3	0.8000	0.6400	0.4800	0.4850	1.710	17.0	11.2	8.00	3.84	1.65	0.6650	0.7650	3
4	0.8850	0.6400	0.4750	0.4800	1.650	15.8	9.87	7.41	3.72	1.67	0.6600	0.7600	4
5	0.8600	0.6400	0.4650	0.5000	2.07	13.3	9.83	7.80	3.87	1.76	0.6600	0.7650	5
6	0.8700	0.6350	0.4050	0.5000	1.85	13.5	10.7	8.58	3.90	1.85	0.6600	0.7500	6
7	0.8600	0.6250	0.5000	0.5200	2.03	14.7	10.4	8.75	3.82	1.66	0.6550	0.7450	7
8	0.8550	0.6300	0.5100	0.5300	2.25	16.8	10.8	8.58	3.14	1.72	0.6550	0.7400	8
9	0.8450	0.6300	0.5200	0.5450	2.57	17.8	11.0	7.88	3.00	1.65	0.6500	0.7350	9
10	0.8300	0.6250	0.5100	0.5640	2.34	18.6	11.0	7.89	3.04	1.64	0.6500	0.7300	10
11	0.8250	0.6200	0.5050	0.5500	2.02	15.2	11.6	8.32	3.30	1.59	0.6450	0.7250	11
12	0.8150	0.6200	0.5020	0.5290	1.82	18.7	13.6	8.86	3.37	1.64	0.6450	0.7200	12
13	0.8050	0.6200	0.5000	0.5220	1.81	18.2	13.6	8.73	3.00	1.61	0.6400	0.7150	13
14	0.7950	0.6150	0.4850	0.5050	1.74	23.4	13.8	8.88	2.48	1.20 B	0.6400	0.7100	14
15	0.7800	0.6140	0.4850	0.5000	1.63	22.8	11.8	8.04	2.33	1.10 B	0.6350	0.7050	15
16	0.7750	0.5530	0.4550	0.5030	1.67	15.2	10.[illegible]	7.67	2.04	1.24 B	0.6350	0.7000	16
17	0.7650	0.5530	0.4600	0.5000	1.88	11.7	10.[illegible]	8.80	1.66	1.26 B	0.6300	0.7000	17
18	0.7550	0.5510	0.4750	0.5050	1.80	10.2	9.88	8.89	1.78	1.[illegible] B	0.6300	0.6850	18
19	0.7500	0.5550	0.4700	0.4920	1.82	10.2	10.8	8.81	1.70	1.[illegible] B	0.6300	0.6850	19
20	0.7400	0.[illegible]	0.4650	0.4810	1.91	10.1	10.0	8.84	1.83	1.1[illegible] B	0.6300	0.6800	20
21	0.7300	0.6120	0.4600	0.4800	2.18	9.62	9.60	5.30	1.57	1.08 B	0.6250	0.6600	21
22	0.7200	0.5550	0.4550	0.4900	2.51	12.5	10.1	5.29	1.82	1.03 B	0.6200	0.6600	22
23	0.7150	0.5550	0.4500	0.5020	2.92	12.9	9.72	4.81	1.78	0.9720	0.6100	0.6750	23
24	0.7050	0.5770	0.4450	0.5420	3.26	12.7	9.75	4.53	1.80	0.8500	0.6050	0.6700	24
25	0.7000	0.5560	0.4400	0.5740	3.70	14.3	9.80	4.84	1.73	0.8815	0.6000	0.6650	25
26	0.6900	0.5570	0.4450	0.6680	4.05	12.5	9.01	4.58	1.71	0.8000	0.8000	0.6600	26
27	0.6800	0.5460	0.4500	1.00 B	4.48	12.4	8.53	4.83	1.67	0.6850	0.7850	0.6500	27
28	0.6700	0.5010	0.4550	1.21 B	5.68	10.7	8.54	5.07	1.55	0.6800	0.7800	0.6500	28
29	0.6650		0.4500	1.47 B	7.89	9.34	8.05	5.17	1.55	0.6650	0.7650	0.6500	29
30	0.6600		0.4550	1.84 B	11.3	8.54	7.53	5.08	1.76	0.6600	0.7600	0.6450	30
31	0.6600		0.4700		14.2		8.06	4.91		0.6750		0.6400	31
TOTAL	24.185	17.173	14.647	18.910	101.60	428.80	315.68	210.87	78.33	40.474	24.988	21.070	TOTAL
MEAN	0.780	0.613	0.473	0.630	3.27	14.2	10.2	6.81	2.61	1.31	0.832	0.705	MEAN
MAX	0.825	0.655	0.520	1.84	14.2	23.4	13.8	8.75	4.50	1.85	0.870	0.775	MAX
MIN	0.660	0.501	0.440	0.475	1.71	8.54	7.53	4.53	1.57	0.675	0.760	0.640	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.55
MAXIMUM DAILY, 23.4 ON JUN 14
MINIMUM DAILY, 0.4400 ON MAR 25
MAXIMUM INSTANTANEOUS,
27.0 AT 22:47 MST ON JUN 14

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 57 09 N
LONG 128 11 52 W
DRAINAGE AREA, 171 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 090	JUL	27 300
FEB	1 480	AUG	18 200
MAR	1 260	SEP	6 780
APR	1 630	OCT	3 500
MAY	8 770	NOV	2 160
JUN	36 900	DEC	1 860

TOTAL DISCHARGE, 112 000 dam³

FLAT RIVER NEAR THE MOUTH - STATION NO. 10EA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	33.60	23.40	17.20	18.20	208E	290	133	127 E	88.0	58.2	30.00	28.00	1
2	33.40	23.00	17.10	18.30	214E	286	142	123 E	84.3	55.6	30.00	30.50	2
3	33.00	22.70	17.10	18.50	222E	217	160	120 E	82.2	55.5	31.00	30.50	3
4	32.70	22.30	17.00	18.70	228E	215	182	118 E	80.9	55.7	33.00	30.00	4
5	32.40	22.00	17.00	18.90	236E	266	173	117 E	80.4	56.3	36.00	27.50	5
6	32.00	21.60	16.90	19.10	250E	304	169	115 E	80.1	55.5	37.00	27.50	6
7	31.80	21.30	16.80	19.30	230E	296	161	121 A	77.6	56.4	36.00	27.00	7
8	31.20	21.00	16.60	20.00	250E	281	169	123	76.1	53.6	37.00	26.50	8
9	31.00	20.60	16.70	21.00	260E	256	168	133	75.0	53.3	35.00	26.50	9
10	30.70	20.40	16.60	22.30	255E	236	174	129	73.0	52.6	34.00	26.00	10
11	30.30	20.00	16.50	22.60	230E	238	187	123	71.3	51.2	33.00	26.00	11
12	30.00	19.70	16.40	23.00	255E	227	182	118	70.6	49.6	33.00	25.50	12
13	29.60	19.50	16.30	24.50	250E	236	173	118	70.3	49.6	31.00	25.00	13
14	29.20	19.20	16.20	26.00	230E	266	168	116	66.6	48.3	30.00	25.00	14
15	28.90	18.60	16.10	26.90	210E	530	160	117	67.3	37.0	30.00	24.50	15
16	28.60	18.30	16.00	26.60	230E	430	154	121	65.7	29.30	35.50	24.20	16
17	28.20	18.20	16.00	27.30	250E	337	144	122	65.2	26.40	30.00	24.00	17
18	27.80	18.10	16.10	27.80	233A	244	135	117	63.4	34.40	30.50	23.60	18
19	27.50	18.00	16.20	28.30	216E	205	140	112	61.6	28.00	31.00	23.50	19
20	27.20	18.00	16.40	31.00	205E	181	142	108	60.6	40.70	31.50	23.00	20
21	26.80	17.90	16.60	34.00	194E	170	148	107	60.7	42.00	32.00	22.60	21
22	26.60	17.90	16.80	43.00	194E	170	160	107	66.6	45.00	32.00	22.50	22
23	26.20	17.60	16.80	61.00	175E	172	186	107	65.5	42.00	31.50	22.20	23
24	26.00	17.70	16.90	80.00	185A	178	184A	106	63.6	38.00	30.60	22.00	24
25	25.70	17.60	17.00	75.00	185	178	163E	99.9	65.9	37.00	30.50	21.60	25
26	25.40	17.50	17.10	90.00	167	181	172E	98.6	65.1	35.00	30.20	21.50	26
27	25.00	17.50	17.30	110 B	138	161	161E	94.3	64.1	33.00	30.00	21.00	27
28	24.60	17.40	17.60	135 B	137	166	156E	92.1	63.6	32.00	30.00	20.60	28
29	24.20		17.60	155 B	157	150	146E	90.1	63.7	31.00	30.50	20.20	29
30	24.00		17.80	200 B	186	138	130E	88.0	61.3	30.00	30.00	20.10	30
31	23.70		18.00		267		130E	87.4		30.00		20.00	31
TOTAL	867.8	547.0	521.2	1 420.9	6 863	7 424	5 032	3 463.6	2 055.6	1 357.1	955.2	754.2	TOTAL
MEAN	28.0	19.5	16.8	47.4	228	247	162	112	68.5	43.8	31.8	24.3	MEAN
MAX	33.6	23.4	18.0	200	260	530	186	133	88.0	58.2	35.0	30.0	MAX
MIN	23.7	17.4	16.0	18.2	137	138	130	87.4	58.8	26.4	30.0	20.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 86.1
MAXIMUM DAILY, 530 ON JUN 15
MINIMUM DAILY, 16.00 ON MAR 16
MAXIMUM INSTANTANEOUS,
560 AT 06:56 MST ON JUN 15

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 31 52 N
LONG 125 24 26 W
DRAINAGE AREA, 8 560 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	75 700	JUL	435 000
FEB	47 300	AUG	301 000
MAR	45 000	SEP	180 000
APR	123 000	OCT	117 000
MAY	592 000	NOV	82 500
JUN	641 000	DEC	65 200

TOTAL DISCHARGE, 2 720 000 dam³

NORTHWEST TERRITORIES

FRESHWATER CREEK NEAR CAMBRIDGE BAY - STATION NO. 10TF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	0B	0B	0 B	38.8	10.7	4.08	2.38	0B	0B	1
2	0B	0B	0B	0B	0B	0 B	38.4	10.2	4.04	2.31	0B	0B	2
3	0B	0B	0B	0B	0B	0 B	33.6	9.86	3.85	1.85	0B	0B	3
4	0B	0B	0B	0B	0B	0 B	31.8	9.30	3.68	1.68	0B	0B	4
5	0B	0B	0B	0B	0B	0 B	30.9	9.18	3.76	1.48	0B	0B	5
6	0B	0B	0B	0B	0B	0 B	28.8	8.70	3.88	1.35 B	0B	0B	6
7	0B	0B	0B	0B	0B	0 B	27.3	8.07	3.81	1.35 B	0B	0B	7
8	0B	0B	0B	0B	0B	0 B	26.2	8.08	4.20	1.18 B	0B	0B	8
9	0B	0B	0B	0B	0B	0 B	25.1	8.73	3.48	1.05 B	0B	0B	9
10	0B	0B	0B	0B	0B	0 B	23.6	8.88	3.08	0.8808	0B	0B	10
11	0B	0B	0B	0B	0B	0.1308	22.4	8.38	3.08	0.8808	0B	0B	11
12	0B	0B	0B	0B	0B	0.3008	21.3	7.72	3.28	0.7808	0B	0B	12
13	0B	0B	0B	0B	0B	0.5008	20.3	7.87	3.10	0.8008	0B	0B	13
14	0B	0B	0B	0B	0B	1.00 B	19.3	7.21	3.03	0.8108	0B	0B	14
15	0B	0B	0B	0B	0B	1.70 B	18.7	7.17	3.02	0.8508	0B	0B	15
16	0B	0B	0B	0B	0B	2.00 B	18.2	6.87	2.85	0.5008	0B	0B	16
17	0B	0B	0B	0B	0B	2.50 B	17.5	6.63	2.72	0.4508	0B	0B	17
18	0B	0B	0B	0B	0B	10.0 B	17.0	6.48	2.72	0.4008	0B	0B	18
19	0B	0B	0B	0B	0B	15.8	16.3	6.12	2.58	0.3858	0B	0B	19
20	0B	0B	0B	0B	0B	33.8	16.4	5.98	2.888	0.3308	0B	0B	20
21	0B	0B	0B	0B	0B	37.2 A	15.1	5.60	2.518	0.3008	0B	0B	21
22	0B	0B	0B	0B	0B	38.2	15.0	5.48	2.408	0.2708	0B	0B	22
23	0B	0B	0B	0B	0B	40.0	14.8	5.36	2.308	0.2488	0B	0B	23
24	0B	0B	0B	0B	0B	41.2	13.4	5.17	2.308	0.2208	0B	0B	24
25	0B	0B	0B	0B	0B	41.8	12.9	5.02	2.308	0.2008	0B	0B	25
26	0B	0B	0B	0B	0B	42.2	12.4	4.88	2.33	0.1808	0B	0B	26
27	0B	0B	0B	0B	0B	41.8	12.3	4.77	2.47	0.1208	0B	0B	27
28	0B	0B	0B	0B	0B	40.8	12.4	4.82	2.288	0.0808	0B	0B	28
29	0B		0B	0B	0B	39.1	11.7	4.88	2.388	0.0408	0B	0B	29
30	0B		0B	0B	0B	37.7	10.9	4.58	2.48	0 B	0B	0B	30
31	0B		0B		0B		10.8	4.40		0 B		0B	31
TOTAL	0	0	0	0	0	670.430	637.5	217.88	80.30	23.810	0	0	TOTAL
MEAN	0	0	0	0	0	18.7	20.2	7.03	3.01	0.729	0	0	MEAN
MAX	0	0	0	0	0	42.2	38.8	10.7	4.20	2.38	0	0	MAX
MIN	0	0	0	0	0	0	10.8	4.40	2.20	0	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.51
MAXIMUM DAILY, 42.2 ON JUN 26
MINIMUM DAILY, 0B ON JAN 1
MAXIMUM INSTANTANEOUS,
43.8 AT 08:07 MDT ON JUN 26

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 07 52 N
LONG 104 58 28 W
DRAINAGE AREA, 1 480 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	84 200
FEB	0	AUG	18 400
MAR	0	SEP	7 800
APR	0	OCT	1 850
MAY	0	NOV	0
JUN	40 800	DEC	0

TOTAL DISCHARGE, 133 000 dam³

GORDON RIVER NEAR THE MOUTH - STATION NO. 10QC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	0B	0 B	0.0008	48.5	21.7	8.38	4.31	1.48 B	0B	1
2	0B	0B	0B	0B	0 B	0.0508	45.2	20.3	8.11	4.28	1.38 B	0B	2
3	0B	0B	0B	0B	0 B	0.0908	43.1	19.0	8.81	3.98	1.28 B	0B	3
4	0B	0B	0B	0B	0 B	1.00 B	40.8	18.0	8.84	3.88	1.17 B	0B	4
5	0B	0B	0B	0B	0 B	1.00 B	38.4	16.8	8.84	3.71	1.08 B	0B	5
6	0B	0B	0B	0B	0 B	1.00 B	35.8	15.8	8.38	3.78	1.00 B	0B	6
7	0B	0B	0B	0B	0 B	2.40 B	33.4	14.8	8.28	3.28	0.9008	0B	7
8	0B	0B	0B	0B	0 B	3.40 B	31.2	13.7	4.48	3.82	0.8008	0B	8
9	0B	0B	0B	0B	0 B	5.00 B	30.6	13.2	8.13	3.87	0.7608	0B	9
10	0B	0B	0B	0B	0 B	35.0 B	29.4	12.3	8.19	3.11	0.8008	0B	10
11	0B	0B	0B	0B	0 B	88.1	28.8	11.8	8.07	3.32	0.5208	0B	11
12	0B	0B	0B	0B	0 B	113	27.4	10.8	4.80	3.14	0.4408	0B	12
13	0B	0B	0B	0B	0 B	183	28.2	10.2	8.04	3.14	0.3808	0B	13
14	0B	0B	0B	0B	0 B	303	25.5	9.70	8.08	3.07	0.2808	0B	14
15	0B	0B	0B	0B	0 B	199	24.4	8.84	4.88	2.88	0.2008	0B	15
16	0B	0B	0B	0B	0 B	161	23.8	8.81	4.88	2.82	0.1808	0B	16
17	0B	0B	0B	0B	0 B	131	22.4	8.38	4.81	2.82	0.1308	0B	17
18	0B	0B	0B	0B	0 B	109	19.7	8.27	4.84	2.82	0.0808	0B	18
19	0B	0B	0B	0B	0 B	91.6	19.8	8.24	5.00	2.41	0.0408	0B	19
20	0B	0B	0B	0B	0 B	84.7	19.0	8.17	4.88	2.78	0 B	0B	20
21	0B	0B	0B	0B	0 B	82.8	18.1	8.34	4.48	2.88	0 B	0B	21
22	0B	0B	0B	0B	0 B	87.2	18.8	8.31	5.03	2.67	0 B	0B	22
23	0B	0B	0B	0B	0.0188	89.9	18.4	8.18	5.31	2.44	0 B	0B	23
24	0B	0B	0B	0B	0.0338	83.8	18.1	7.88	4.81	2.28	0 B	0B	24
25	0B	0B	0B	0B	0.0498	80.1	20.8	7.81	5.03	2.108	0 B	0B	25
26	0B	0B	0B	0B	0.0658	73.8	25.1	7.84	5.18	2.008	0 B	0B	26
27	0B	0B	0B	0B	0.0838	88.4	28.7	7.38	4.62	1.928	0 B	0B	27
28	0B	0B	0B	0B	0.1008	84.3	25.2	7.10	4.27	1.858	0 B	0B	28
29	0B		0B	0B	0.1208	88.8	24.7	6.88	4.33	1.758	0 B	0B	29
30	0B		0B	0B	0.2008	84.9	23.8	6.87	4.59	1.858	0 B	0B	30
31	0B		0B		0.4008		22.8	6.62		1.558		0B	31
TOTAL	0	0	0	0	1.348	2 882.958	851.8	340.72	151.38	88.11	12.510	0	TOTAL
MEAN	0	0	0	0	0.040	88.7	27.5	11.0	5.04	2.84	0.417	0	MEAN
MAX	0	0	0	0	0.400	303	48.5	21.7	8.38	4.31	1.48	0	MAX
MIN	0	0	0	0	0	0.000	18.4	6.62	4.27	1.55	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.89
MAXIMUM DAILY, 303 ON JUN 14
MINIMUM DAILY, 0B ON JAN 1
MAXIMUM INSTANTANEOUS,
367 AT 17:38 MDT ON JUN 14

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 48 31 N
LONG 107 08 13 W
DRAINAGE AREA, 1 830 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	73 800
FEB	0	AUG	28 400
MAR	0	SEP	13 100
APR	0	OCT	7 810
MAY	108	NOV	1 080
JUN	181 000	DEC	0

TOTAL DISCHARGE, 308 000 dam³

NORTHWEST TERRITORIES

GREAT BEAR LAKE AT HORNBY BAY - STATION NO. 10JE003

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.283	---	---	---	0.338E	0.388	0.418	0.428	0.411	0.330	0.248	0.288	1
2	0.283	---	---	---	0.331A	0.381	0.410	0.411	0.406	0.358	0.230	0.323	2
3	0.303	---	---	---	0.350	0.388	0.402	0.418	0.397	0.327	0.261	0.278	3
4	0.312	---	---	---	0.318	0.383	0.398	0.431	0.407	0.365	0.279	0.238	4
5	0.302	---	---	---	0.353	0.318	0.418	0.438	0.398	0.338	0.272	0.323	5
6	---	---	---	---	0.238	0.321	0.400	0.428	0.423	0.318	0.284	0.238	6
7	---	---	---	---	0.232	0.318	0.408	0.417	0.428	0.388	0.328	0.350	7
8	---	---	---	---	0.233	0.308	0.417	0.430	0.389	0.384	0.261	0.288	8
9	---	---	---	---	0.238	0.307	0.411	0.433	0.371	0.338	0.284	0.288A	9
10	---	---	---	---	0.231	0.322	0.410	0.438	0.374	0.318	0.273	0.288A	10
11	---	---	---	---	0.241	0.332	0.388	0.418	0.402	0.311	0.283	0.277	11
12	---	---	---	---	0.262	0.348	0.424	0.428	0.388	0.333	0.288	0.277	12
13	---	---	---	---	0.272	0.368	0.398	0.418	0.357	0.348	0.278	0.248	13
14	---	---	---	---	0.270	0.340	0.384	0.433	0.408	0.358	0.278	0.283	14
15	---	---	---	---	0.263	0.352	0.408	0.437	0.408	0.351	0.263	0.258	15
16	---	---	---	---	0.261	0.358	0.428	0.424	0.418	0.318	0.285	0.288	16
17	---	---	---	---	0.264	0.367	0.445	0.412	0.403	0.311	0.248	0.280A	17
18	---	---	---	---	0.277	0.373	0.428	0.394	0.408	0.388	0.258	0.287A	18
19	---	---	---	---	0.271	0.378	0.404	0.388	0.412	0.308	0.292	0.248	19
20	---	---	---	---	0.288	0.383	0.412	0.387	0.391	0.317	0.288	0.233	20
21	---	---	---	---	0.284	0.380	0.427	0.408	0.381	0.310	0.288	0.214	21
22	---	---	---	---	0.284	0.383	0.428	0.415	0.328	0.281	0.280	0.288	22
23	---	---	---	---	0.271	0.383	0.429	0.408	0.388	0.303	0.238	0.261	22
24	---	---	---	---	0.288	0.380	0.411	0.410	0.322	0.308	0.284	0.229	24
25	---	---	---	---	0.287	0.387	0.418	0.410	0.328	0.371	0.281	0.211	25
26	---	---	---	---	0.268	0.387	0.428	0.403	0.388	0.238	0.257	0.238	26
27	---	---	---	---	0.261	0.380	0.434	0.387	0.378	0.287	0.238	0.238	27
28	---	---	---	---	0.244	0.358	0.433	0.388	0.383	0.308	0.284	0.231	28
29	---	---	---	---	0.262	0.400	0.428	0.384	0.384	0.278	0.280	0.283	29
30	---	---	---	---	0.242	0.408	0.410	0.388	0.337	0.274	0.248	0.248	30
31	---		---		0.248		0.428	0.388		0.272		0.238	31
MEAN	---	---	---	---	0.281	0.368	0.418	0.414	0.384	0.314	0.281	0.248	MEAN
MAX	---	---	---	---	0.284	0.408	0.445	0.433	0.428	0.388	0.283	0.278	MAX
MIN	---	---	---	---	0.218	0.288	0.388	0.387	0.332	0.238	0.230	0.211	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 0.445 ON JUL 17

MAXIMUM INSTANTANEOUS,
0.504 AT 02:00 MST ON JUL 17

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 66 38 00 N
LONG 117 37 10 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

GREAT BEAR RIVER AT OUTLET OF GREAT BEAR LAKE - STATION NO. 10JC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	505	477	488	470	481	487	528	537	530	521	498	488	1
2	498	472	482	474	484	488	530	543	529	520	491	500	2
3	498	473	478	478	483	480	531	538	530	524	492	492	3
4	491	474	480	473	488	486	530	538	529	530	490	501	4
5	494	488	488	471	481	490	530	537	529	522	488	508	5
6	497	478	471	470	488	487	530	537	526	526	488	500	6
7	501	488	488	470	471	500	534	541	518	517	488	488	7
8	503	481	488	487	473	507	538	540	528	514	483	488	8
9	497	477	488	488	472	518	533	538	530	513	480	484	9
10	492	477	478	473	474	517	538	538	527	524	478	488	10
11	497	481	488	487	478	518	533	536	520	520	478	490	11
12	493	483	488	488	488	518	538	540	524	514	474	488	12
13	497	481	473	488	473	521	534	538	531	507	478	481	13
14	493	488	488	471	477	532	538	534	531	518	481	488	14
15	493	484	488	488	488	518	534	538	518	517	481	488	15
16	488	483	471	488	478	522	530	538	505	518	483	487	16
17	488	482	488	488	471	522	528	538	507	511	488	488	17
18	488	480	481	488	477	524	534	543	504	507	494	485	18
19	488	480	488	488	478	528	537	535	488	518	488	483	19
20	490	487	488	488	477	523	537	533	504	514	488	488	20
21	478	484	474	488	478	528	534	530	508	518	482	481	21
22	482	481	482	470	482	531	536	528	508	508	488	481	22
23	482	478	488	488	481	538	538	528	514	508	508	487	23
24	488	481	471	470	484	538	537	528	522	507	497	488	24
25	488	483	470	488	482	537	537	538	534	507	492	484	25
26	482	483	487	488	483	524	538	528	520	514	488	487	26
27	478	471	474	488	488	534	538	528	521	502	488	487	27
28	482	481	481	482	488	533	531	528	524	488	487	488	28
29	481		478	483	488	538	533	531	528	508	480	480	29
30	482		488	482	483	538	538	532	523	504	482	483	30
31	483		488		482		538	531		503		483	31
TOTAL	15 181	13 433	14 608	14 047	14 705	15 526	16 537	16 583	15 578	15 514	14 582	15 185	TOTAL
MEAN	490	479	471	488	478	518	533	534	519	513	488	490	MEAN
MAX	505	481	488	478	483	538	538	543	530	538	508	508	MAX
MIN	478	483	481	482	481	488	528	528	488	488	474	480	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 488
MAXIMUM DAILY, 543 ON AUG 2
MINIMUM DAILY, 481 ON MAR 18
MAXIMUM INSTANTANEOUS,
584 AT 18:05 MST ON JUL 27

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 66 08 05 N
LONG 123 31 05 W
DRAINAGE AREA, 145 000 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 310 000	JUL	1 430 000
FEB	1 160 000	AUG	1 430 000
MAR	1 260 000	SEP	1 350 000
APR	1 210 000	OCT	1 370 000
MAY	1 280 000	NOV	1 270 000
JUN	1 340 000	DEC	1 310 000

TOTAL DISCHARGE, 15 700 000 dam³

NORTHWEST TERRITORIES

GREAT SLAVE LAKE AT HAY RIVER - STATION NO. 07OB002

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.403	---	---	1.520E	1.571	1.624	1.605	1.527	1.510	1.333	1.303	1.248	1
2	1.393	---	---	1.521E	1.617	1.613	1.609	1.541	1.517	1.316	1.251	1.279	2
3	1.377	---	---	1.523E	1.642	1.598	1.611	1.532	1.516	1.371	1.282	1.241	3
4	1.388	---	---	1.524E	1.633	1.609	1.608	1.526	1.533	1.428	1.245	1.275	4
5	1.399	---	---	1.526E	1.642	1.622	1.574	1.534	1.515	1.383	1.262	1.288	5
6	1.372	---	---	1.527E	1.620	1.632	1.584	1.528	1.510	1.378	1.267	1.261	6
7	1.401	---	---	1.528E	1.613	1.614	1.579	1.525	1.553	1.370	1.274	1.261	7
8	1.400	---	---	1.530E	1.610	1.598	1.562	1.551	1.525	1.383	1.264	1.241	8
9	1.403	---	---	1.545E	1.619	1.617	1.578	1.558	1.484	1.401	1.258	1.232	9
10	1.378	---	---	1.574A	1.620	1.619	1.575	1.580	1.394	1.399	1.249	1.275	10
11	1.385	---	---	1.550	1.598	1.611	1.575	1.560	1.415	1.380	1.177	1.287	11
12	1.378	---	---	1.532	1.594	1.618	1.572	1.561	1.435	1.363	1.176	1.279	12
13	1.382	---	---	1.531	1.593	1.618	1.574	1.565	1.405A	1.347	1.189	1.288	13
14	1.382	---	---	1.551	1.592	1.613	1.578	1.550	1.402E	1.327	1.188	1.246	14
15	1.388	---	---	1.537	1.607	1.620	1.580	1.565	1.396E	1.324	1.209	1.261	15
16	1.405A	---	---	1.539	1.603	1.624	1.588	1.574	1.395E	1.355	1.221	1.258	16
17	---	---	---	1.555	1.594	1.629	1.548	1.552	1.392E	1.243	1.242	1.255	17
18	---	---	---	1.553	1.591	1.628	1.560	1.558	1.366E	1.261	1.265	1.259	18
19	---	---	---	1.563	1.604	1.632	1.561	1.574	1.364E	1.278	1.214	1.253	19
20	---	---	---	1.565	1.611	1.631	1.584	1.577	1.360E	1.318	1.235	1.276	20
21	---	---	---	1.568	1.608	1.631	1.566	1.547	1.376E	1.328	1.262	1.287	21
22	---	---	---	1.562	1.602	1.633	1.568	1.544	1.338A	1.353	1.225	1.277	22
23	---	---	---	1.561	1.606	1.619	1.598	1.542	1.410	1.261	1.264	1.289	23
24	---	---	---	1.567	1.601	1.618	1.579	1.528	1.410	1.240	1.284	1.302	24
25	---	---	---	1.566	1.612	1.626	1.546	1.580	1.367	1.294	1.230	1.295	25
26	---	---	---	1.566	1.612	1.619	1.548	1.609	1.385	1.365	1.228	1.288A	26
27	---	---	---	1.593	1.606	1.628	1.546	1.553	1.407	1.285	1.243	1.290E	27
28	---	---	---	1.592	1.625	1.629	1.561	1.520	1.366	1.234	1.261	1.292E	28
29	---		---	1.593	1.623	1.622	1.593	1.613	1.381	1.269	1.227	1.294E	29
30	---		---	1.574	1.604	1.603	1.533	1.504	1.374	1.365	1.270	1.296E	30
31	---		---		1.656		1.537	1.507		1.343		1.298E	31
MEAN	---	---	---	1.554	1.605	1.620	1.575	1.548	1.439	1.327	1.241	1.273	MEAN
MAX	---	---	---	1.595	1.642	1.638	1.611	1.609	1.553	1.428	1.304	1.302	MAX
MIN	---	---	---	1.520	1.571	1.598	1.533	1.504	1.338	1.234	1.176	1.232	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1989

MAXIMUM DAILY, 1.642 ON MAY 5
MINIMUM DAILY, 1.176 ON NOV 12
MAXIMUM INSTANTANEOUS,
2.572 AT 13:28 MST ON MAY 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 51 00 N
LONG 115 46 00 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED SINCE 1966

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 155.350 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1966 ADJ.)

GREAT SLAVE LAKE AT RELIANCE - STATION NO. 07SC003

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---								
2	---	---	2.284A	---	---	2.310E	2.318	2.300E	2.216	2.183	2.059	2.037	1
3	---	---	---	---	---	2.313E	2.308	2.305E	2.222	2.166	2.035	2.013	2
4	---	---	---	---	---	2.310E	2.288	2.290E	2.223	2.178	2.044	2.049	3
5	---	---	---	---	---	2.310E	2.307	2.270E	2.224	2.193	2.047	2.050	4
						2.321E	2.300	2.260E	2.231	2.184	2.049	2.014	5
6	---	---	---	---	---	2.324E	2.313	2.280E	2.241	2.189	2.054	2.003	6
7	---	---	---	---	---	2.327E	2.308	2.280E	2.263	2.150	2.020	2.028	7
8	---	---	---	---	---	2.330A	2.304	2.270E	2.248	2.173	2.021	2.048	8
9	---	---	---	---	---	2.318	2.281	2.270E	2.227	2.173	2.036	2.048	9
10	---	---	---	---	---	2.308	2.269	2.270E	2.230	2.137	2.063	2.005	10
11	---	---	---	---	---	2.297	2.293	2.269A	2.220	2.133	2.079	1.971	11
12	---	---	---	---	---	2.313	2.280	2.239	2.243	2.137	2.080	1.986	12
13	---	---	---	---	---	2.312	2.277	2.253	2.223	2.122	2.111	2.005	13
14	---	---	---	---	---	2.307	2.284	2.253	2.234	2.108	2.139	1.987	14
15	---	---	---	---	---	2.308	2.258	2.269	2.231	2.119	2.100	2.013	15
16	---	---	---	---	---	2.339	2.247	2.261	2.232	2.133	2.039	2.028	16
17	---	---	---	---	---	2.314	2.284	2.260	2.222	2.138	2.021	2.026	17
18	---	---	---	---	---	2.328	2.287	2.232	2.220	2.148	2.018	2.019	18
19	---	---	---	---	---	2.333	2.281	2.208	2.224	2.127	2.076	2.021	19
20	---	---	---	---	---	2.330	2.293	2.186	2.265	2.102	2.063	2.042	20
21	---	---	---	---	---	2.352	2.280	2.183	2.268	2.110	2.033	2.022	21
22	---	---	---	---	---	2.351	2.303	2.186	2.237	2.105	2.053	1.999	22
23	---	---	---	---	---	2.333	2.314	2.199	2.244	2.103	2.025	2.027	23
24	---	---	---	---	---	2.308	2.304	2.231	2.249	2.099	2.006	2.016	24
25	---	---	---	---	---	2.290	2.293	2.236	2.193	2.111	2.046	2.013	25
26	---	---	---	---	---	2.282	2.268	2.217	2.189	2.041	2.055	2.019	26
27	---	---	---	---	---	2.282	2.283	2.213	2.220	2.016	2.046	2.029	27
28	---	---	---	---	---	2.288	2.284	2.221	2.228	2.058	2.011	2.016	28
29	---		---	---	---	2.310	2.333A	2.227	2.208	2.061	2.037	2.026	29
30	---		---	---	---	2.285	2.360E	2.229	2.181	2.060	2.032	2.051	30
31	---		---		---		2.370E	2.218		2.061		2.032	31
MEAN	---	---	---	---	---	2.315	2.297	2.241	2.228	2.124	2.050	2.021	MEAN
MAX	---	---	---	---	---	2.352	2.370	2.305	2.268	2.193	2.139	2.051	MAX
MIN	---	---	---	---	---	2.282	2.247	2.183	2.189	2.016	2.006	1.971	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1989

MAXIMUM DAILY, 2.370E ON JUL 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 42 00 N
LONG 109 10 00 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED SINCE 1966

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

NORTHWEST TERRITORIES

GREAT SLAVE LAKE AT YELLOWKNIFE BAY - STATION NO. 07SB001

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	156.889	156.727	156.812	156.888	156.871	156.878	156.837	156.832	156.794	156.711	156.881	156.948	1
2	156.888	156.731	156.808	156.885	156.871	156.863	156.832	156.813	156.793	156.712	156.880	156.933	2
3	156.888	156.737	156.802	156.888	156.882	156.862	156.836	156.811	156.793	156.880	156.888	156.938	3
4	156.882	156.738	156.806	156.881	156.882	156.880	156.833	156.814	156.788	156.886	156.878	156.926	4
5	156.887	156.748	156.804	156.888	156.888	156.877	156.838	156.812	156.788	156.873	156.887	156.932	5
6	156.887	156.727	156.818	156.888	156.880	156.878	156.827	156.818	156.781	156.872	156.883	156.933	6
7	156.888	156.736	156.830	156.871	156.878	156.878	156.838	156.808	156.883	156.888	156.833	156.934	7
8	156.883	156.748	156.820	156.870	156.886	156.887	156.811	156.807	156.791	156.884	156.818	156.940	8
9	156.888	156.753	156.823	156.878	156.843	156.878	156.818	156.808	156.744	156.881	156.828	156.940	9
10	156.878	156.788	156.827	156.881	156.842	156.888	156.838	156.808	156.788	156.848	156.883	156.887	10
11	156.877	156.788	156.838	156.878	156.882	156.880	156.823	156.808	156.788	156.841	156.887	156.948	11
12	156.888	156.788	156.848	156.878	156.881	156.882	156.828	156.814	156.738	156.826	156.818	156.886	12
13	156.886	156.788	156.837	156.878	156.882	156.885	156.818	156.814	156.788	156.823	156.812	156.881	13
14	156.877	156.783	156.841	156.877	156.883	156.884	156.838	156.818	156.788	156.818	156.813	156.884	14
15	156.884	156.788	156.838	156.888	156.887	156.888	156.838	156.778	156.783	156.888	156.838	156.872	15
16	156.878	156.783	156.843	156.878	156.874	156.880	156.823	156.788	156.888	156.847	156.848	156.871	16
17	156.880	156.778	156.844	156.878	156.887	156.888	156.823	156.788	156.738	156.883	156.848	156.871	17
18	156.881	156.772	156.850	156.874	156.881	156.873	156.787	156.787	156.737	156.818	156.840	156.873	18
19	156.881	156.778	156.881	156.878	156.881	156.888	156.803	156.788	156.793	156.828	156.814	156.878	19
20	156.884	156.777	156.848	156.877	156.888	156.888	156.837	156.788	156.781	156.824	156.811	156.883	20
21	156.887	156.788	156.848	156.872	156.883	156.881	156.836	156.781	156.888	156.884	156.806	156.884	21
22	156.884	156.787	156.884	156.888	156.888	156.882	156.843	156.783	156.788	156.881	156.818	156.877	22
23	156.886	156.781	156.886	156.878	156.884	156.886	156.833	156.772	156.888	156.813	156.818	156.868	23
24	156.888	156.781	156.888	156.878	156.884	156.888	156.837	156.788	156.884	156.838	156.817	156.878	24
25	156.888	156.781	156.883	156.878	156.888	156.884	156.838	156.783	156.888	156.888	156.838	156.868	25
26	156.711	156.801	156.888	156.883	156.878	156.844	156.847	156.743	156.888	156.878	156.838	156.881	26
27	156.722	156.788	156.888	156.881	156.888	156.843	156.838	156.788	156.887	156.838	156.837	156.887	27
28	156.711	156.801	156.887	156.880	156.878	156.848	156.818	156.788	156.878	156.884	156.827	156.887	28
29	156.726		156.870	156.876	156.878	156.843	156.783	156.788	156.878	156.888	156.848	156.884	29
30	156.733		156.888	156.888	156.887	156.848	156.818	156.778	156.888	156.887	156.883	156.888	30
31	156.728		156.888		156.883		156.837	156.788		156.888		156.878	31
MEAN	156.886	156.784	156.840	156.874	156.872	156.886	156.836	156.788	156.727	156.836	156.836	156.886	MEAN
MAX	156.728	156.801	156.870	156.883	156.888	156.888	156.838	156.833	156.788	156.713	156.888	156.887	MAX
MIN	156.880	156.727	156.802	156.881	156.842	156.842	156.783	156.783	156.887	156.887	156.883	156.938	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 156.748
MAXIMUM DAILY, 156.888 ON MAY 25
MINIMUM DAILY, 156.883 ON NOV 19
MAXIMUM INSTANTANEOUS,
156.938 AT 13:19 MST ON MAY 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT. 62 28 30 N
LONG 114 21 00 W

REGULATED SINCE 1988

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1988 ADJ.)

HALDANE RIVER NEAR THE MOUTH - STATION NO. 10JD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	0B	0 B	31.4B	38.7	7.06	1.71	1.88	0.0488	0B	1
2	0B	0B	0B	0B	0 B	59.7B	36.8	6.87	1.67	1.87	0.0398	0B	2
3	0B	0B	0B	0B	0 B	133	34.2	6.11	1.63	1.87	0 B	0B	3
4	0B	0B	0B	0B	0 B	181	31.8	5.68	1.58	1.87	0 B	0B	4
5	0B	0B	0B	0B	0 B	214	28.7	5.38	1.81	1.88 B	0 B	0B	5
6	0B	0B	0B	0B	0 B	231	28.1	5.08	1.80	1.83 B	0 B	0B	6
7	0B	0B	0B	0B	0 B	210	26.7	4.78	1.63	1.82 B	0 B	0B	7
8	0B	0B	0B	0B	0 B	186	25.3	4.48	1.62	1.81 B	0 B	0B	8
9	0B	0B	0B	0B	0.0102	259	24.1	4.16	1.62	1.80 B	0 B	0B	9
10	0B	0B	0B	0B	0.0398	230	23.7	3.97	1.62	1.48 B	0 B	0B	10
11	0B	0B	0B	0B	0.0808	301	21.3	4.06	1.62	1.47 B	0 B	0B	11
12	0B	0B	0B	0B	0.1808	188	20.6	4.02	1.63	1.48 B	0 B	0B	12
13	0B	0B	0B	0B	0.2308	178	20.0	3.88	1.88	1.41 B	0 B	0B	13
14	0B	0B	0B	0B	0.3608	170	19.2	3.88	1.78	1.38 B	0 B	0B	14
15	0B	0B	0B	0B	0.8398	164	17.9	3.83	1.78	1.33 B	0 B	0B	15
16	0B	0B	0B	0B	1.38 B	138	17.0	3.38	1.72	1.24 B	0 B	0B	16
17	0B	0B	0B	0B	1.81 B	133	16.6	3.28	1.83	1.18 B	0 B	0B	17
18	0B	0B	0B	0B	2.10 B	118	16.7	3.12	1.70	1.08 B	0 B	0B	18
19	0B	0B	0B	0B	2.35 B	100	14.8	3.08	1.66	1.00 B	0 B	0B	19
20	0B	0B	0B	0B	2.38 B	90.5	13.7	2.79	1.638	0.8108	0 B	0B	20
21	0B	0B	0B	0B	2.10 B	82.2	12.5	2.68	1.588	0.7888	0 B	0B	21
22	0B	0B	0B	0B	1.88 B	74.2	11.7	2.88	1.61	0.8808	0 B	0B	22
23	0B	0B	0B	0B	1.88 B	88.8	11.1	2.41	1.48	0.8408	0 B	0B	23
24	0B	0B	0B	0B	1.21 B	83.4	10.4	2.33	1.48	0.4808	0 B	0B	24
25	0B	0B	0B	0B	0.9308	87.8	9.48	2.28	1.43	0.4108	0 B	0B	25
26	0B	0B	0B	0B	0.8808	83.7	8.87	2.18	1.43	0.3308	0 B	0B	26
27	0B	0B	0B	0B	0.8108	80.8	8.78	2.04	1.42	0.2808	0 B	0B	27
28	0B	0B	0B	0B	0.8808	48.5	8.58	1.98	1.48	0.2408	0 B	0B	28
29	0B		0B	0B	0.8108	43.5	8.38	1.91	1.48	0.1888	0 B	0B	29
30	0B		0B	0B	1.38 B	41.4	8.08	1.84	1.83	0.1488	0 B	0B	30
31	0B		0B		3.88 B		7.38	1.77		0.0988		0B	31
TOTAL	0	0	0	0	38.788	3 787.0	581.08	111.87	47.80	31.848	0.888	0	TOTAL
MEAN	0	0	0	0	0.883	128	18.7	3.80	1.88	1.03	0.002	0	MEAN
MAX	0	0	0	0	3.88	388	38.7	7.06	1.78	1.87	0.048	0	MAX
MIN	0	0	0	0	0	31.4	7.38	1.77	1.62	0.888	0	0	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.8
MAXIMUM DAILY, 388 ON JUN 9
MINIMUM DAILY, 0B ON JAN 1
MAXIMUM INSTANTANEOUS,
398 AT 08:01 MST ON JUN 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT. 60 51 30 N
LONG 131 15 00 W
DRAINAGE AREA, 3 840 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	0	JUL	89 350
FEB	0	AUG	9 650
MAR	0	SEP	4 100
APR	0	OCT	2 750
MAY	2 310	NOV	8.18
JUN	335 000	DEC	0

TOTAL DISCHARGE, 384 000 dam³

NORTHWEST TERRITORIES

HANS CREEK ABOVE ESKIMO LAKES - STATION NO. 10ND004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	0B	0B	0.140B	2.84	1.19	2.14	2.88 E	0.7588	0.1388	1
2	0B	0B	0B	0B	0B	0.310B	2.68	1.14	2.08	2.80 E	0.7188	0.1298	2
3	0B	0B	0B	0B	0B	0.760B	2.40	1.13	2.11	2.40 E	0.6828	0.1218	3
4	0B	0B	0B	0B	0B	1.70 B	2.31	1.02	2.11	2.31 E	0.6528	0.1148	4
5	0B	0B	0B	0B	0B	4.00 B	2.18	0.978	2.10	2.24 E	0.6288	0.1078	5
6	0B	0B	0B	0B	0B	8.20 B	2.04	0.838	2.17	2.17 E	0.5988	0.0988	6
7	0B	0B	0B	0B	0B	13.0 B	1.88	0.688	2.12A	2.10 E	0.5808	0.0928	7
8	0B	0B	0B	0B	0B	16.1 A	1.68	0.608	2.17E	2.03 E	0.5328	0.0878	8
9	0B	0B	0B	0B	0B	15.8 A	1.78	0.778	2.23E	1.98 E	0.5088	0.0818	9
10	0B	0B	0B	0B	0B	11.7 A	1.88	0.742	2.28E	1.88 B	0.4808	0.0788	10
11	0B	0B	0B	0B	0B	10.2 E	1.81	0.711	2.35E	1.81 B	0.4588	0.0708	11
12	0B	0B	0B	0B	0B	9.00 E	1.46	0.883	2.42E	1.78 B	0.4308	0.0688	12
13	0B	0B	0B	0B	0B	7.90 E	1.38	0.810	2.50E	1.66 B	0.4068	0.0618	13
14	0B	0B	0B	0B	0B	7.12 E	1.31	0.883	2.58E	1.82 B	0.3858	0.0588	14
15	0B	0B	0B	0B	0B	6.70 E	1.27	0.852	2.61E	1.85 B	0.3688	0.0538	15
16	0B	0B	0B	0B	0B	6.30 E	1.28	0.883	2.68E	1.46 B	0.3488	0.0488	16
17	0B	0B	0B	0B	0B	6.00 E	1.32	0.873	2.78E	1.42 B	0.3278	0.0468	17
18	0B	0B	0B	0B	0B	5.65 E	1.21	0.885	2.82E	1.37 B	0.3068	0.0428	18
19	0B	0B	0B	0B	0B	5.25 E	1.30	0.901	2.88E	1.32 B	0.2838	0.0388	19
20	0B	0B	0B	0B	0B	5.00 E	1.31	0.711	2.84E	1.27 B	0.2748	0.0378	20
21	0B	0B	0B	0B	0B	4.77 E	1.28	0.831	2.87E	1.21 B	0.2608	0.0348	21
22	0B	0B	0B	0B	0B	4.55 A	1.37	0.883	3.00E	1.17 B	0.2438	0.0328	22
23	0B	0B	0B	0B	0B	4.25	1.42	1.12	3.01E	1.12 B	0.2308	0.0298	23
24	0B	0B	0B	0B	0B	3.98	1.47	1.38	3.00E	1.07 B	0.2188	0.0278	24
25	0B	0B	0B	0B	0B	3.86	1.51	1.81	2.98E	1.03 B	0.2028	0.0258	25
26	0B	0B	0B	0B	0B	3.48	1.50	1.80	2.98E	0.9908	0.1908	0.0238	26
27	0B	0B	0B	0B	0B	3.30	1.43	1.97	2.90E	0.9408	0.1788	0.0228	27
28	0B	0B	0B	0B	0B	3.09	1.40	2.06	2.84E	0.8928	0.1668	0.0208	28
29	0B		0B	0B	0B	2.88	1.38	2.15	2.78E	0.8608	0.1578	0.0188	29
30	0B		0B	0B	0B	2.82	1.30	2.17	2.88E	0.8258	0.1488	0.0178	30
31	0B		0B		0B		1.27	2.18		0.7908		0.0188	31
TOTAL	0	0	0	0	0	183.280	48.97	34.013	77.12	48.387	11.681	1.839	TOTAL
MEAN	0	0	0	0	0	6.11	1.81	1.10	2.87	1.58	0.388	0.059	MEAN
MAX	0	0	0	0	0	16.1	2.84	2.17	3.01	2.88	0.758	0.139	MAX
MIN	0	0	0	0	0	0.140	1.20	0.883	2.08	0.790	0.144	0.018	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.11
MAXIMUM DAILY, 16.1A ON JUN 8
MINIMUM DAILY, 0B ON JAN 1

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 52 14 N
LONG 133 34 42 W
DRAINAGE AREA, 328 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	4 320
FEB	0	AUG	2 940
MAR	0	SEP	8 880
APR	0	OCT	4 180
MAY	0	NOV	1 010
JUN	15 800	DEC	158

TOTAL DISCHARGE, 35 100 dam³

HARRIS RIVER NEAR THE MOUTH - STATION NO. 10SC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.042B	0.011B	0.008B	0.008B	18.4 B	6.81	1.17	0.182	0.101	0.080	0.0808	0.0228	1
2	0.040B	0.011B	0.008B	0.008B	23.2 B	6.24	1.18	0.148	0.087	0.088	0.0788	0.0218	2
3	0.038B	0.011B	0.008B	0.008B	20.1	6.22	1.10	0.128	0.078	0.080	0.0808	0.0218	3
4	0.038B	0.011B	0.008B	0.008B	18.7	6.01	1.07	0.113	0.074	0.091	0.0808	0.0218	4
5	0.034B	0.011B	0.008B	0.008B	17.2	5.87	1.04	0.110	0.088	0.090	0.0808	0.0208	5
6	0.033B	0.010B	0.008B	0.008B	15.8	5.63	0.988	0.103	0.080	0.084	0.0788	0.0208	6
7	0.032B	0.010B	0.008B	0.008B	14.8	5.68	0.874	0.087	0.083	0.078	0.0788	0.0208	7
8	0.030B	0.010B	0.008B	0.010B	13.7	5.89	0.783	0.078	0.048	0.083	0.0788	0.0188	8
9	0.028B	0.010B	0.008B	0.015B	14.3	5.78	0.713	0.087	0.046	0.083	0.0748	0.0188	9
10	0.028B	0.010B	0.008B	0.025B	15.9	5.82	0.884	0.043	0.042	0.083	0.0728	0.0188	10
11	0.028B	0.010B	0.007B	0.044B	17.8	5.43	0.588	0.033	0.041	0.084	0.0708	0.0188	11
12	0.024B	0.010B	0.007B	0.090B	19.4	5.00	0.710	0.028	0.038	0.084	0.0698	0.0178	12
13	0.023B	0.010B	0.007B	0.125B	21.7	4.87	0.514	0.022	0.030	0.084	0.0818	0.0158	13
14	0.022B	0.010B	0.007B	0.210B	23.4	4.05	0.448	0.018	0.032	0.084B	0.0868	0.0148	14
15	0.021B	0.010B	0.007B	0.230B	24.1	4.15	0.393	0.016	0.028	0.084B	0.0868	0.0138	15
16	0.020B	0.010B	0.007B	0.215B	24.8	4.17	0.388	0.014	0.028	0.084B	0.0548	0.0108	16
17	0.019B	0.010B	0.007B	0.200B	25.7	3.91	0.363	0.013	0.028	0.085B	0.0508	0.0088	17
18	0.018B	0.008B	0.007B	0.180B	24.7	3.84	0.332	0.011	0.028	0.085B	0.0508	0.0088	18
19	0.017B	0.008B	0.007B	0.120B	23.4	3.26	0.318	0.008	0.038	0.085B	0.0498	0.0038	19
20	0.018B	0.008B	0.007B	0.081B	21.8	2.83	0.301	0.020	0.039	0.083B	0.0438	0.0028	20
21	0.015B	0.008B	0.008B	0.070B	18.2	3.07	0.288	0.029	0.042	0.083B	0.0378	0.0028	21
22	0.014B	0.008B	0.008B	0.041B	16.8	2.48	0.274	0.084	0.050	0.083B	0.0348	0.0028	22
23	0.013B	0.008B	0.008B	0.073B	14.8	2.21	0.278	0.344	0.080	0.081B	0.0328	0.0028	23
24	0.012B	0.008B	0.008B	0.126B	12.8	1.86	0.278	0.320	0.082	0.081B	0.0338	0.0028	24
25	0.012B	0.008B	0.008B	0.126B	11.4	1.77	0.281	0.300	0.084	0.086B	0.0328	0.0028	25
26	0.012B	0.008B	0.008B	0.240B	10.3	1.58	0.342	0.287	0.088	0.086B	0.0288	0.0028	26
27	0.012B	0.008B	0.008B	1.04 B	9.32	1.48	0.314	0.218	0.080	0.084B	0.0218	0.0028	27
28	0.012B	0.008B	0.008B	6.12 B	8.48	1.28	0.278	0.180	0.080	0.083B	0.0238	0.0028	28
29	0.011B		0.008B	11.3 B	7.88	1.22	0.288	0.148	0.092	0.082B	0.0228	0.0028	29
30	0.011B		0.008B	14.7 B	7.34	1.18	0.230	0.124	0.091	0.081B	0.0228	0.0028	30
31	0.011B		0.008B		6.91		0.184	0.108		0.080B		0.0028	31
TOTAL	0.883	0.273	0.218	38.409	523.32	118.78	18.984	3.334	1.888	2.782	1.618	0.327	TOTAL
MEAN	0.022	0.010	0.007	1.18	16.8	3.96	0.648	0.108	0.088	0.080	0.084	0.011	MEAN
MAX	0.042	0.011	0.008	14.7	25.7	6.81	1.17	0.344	0.101	0.085	0.080	0.033	MAX
MIN	0.011	0.008	0.008	0.008	6.91	1.18	0.184	0.008	0.028	0.078	0.021	0.002	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.83
MAXIMUM DAILY, 25.7 ON MAY 17
MINIMUM DAILY, 0.0028 ON DEC 30
MAXIMUM INSTANTANEOUS,
25.8 AT 05:00 MST ON MAY 17

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 52 41 N
LONG 121 17 28 W
DRAINAGE AREA, 701 km²
B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	59.0	JUL	1 470
FEB	33.8	AUG	288
MAR	18.7	SEP	148
APR	3 080	OCT	240
MAY	45 200	NOV	140
JUN	10 300	DEC	34.3

TOTAL DISCHARGE, 81 000 dam³

NORTHWEST TERRITORIES

HAY RIVER NEAR ALTA/NWT BOUNDARY - STATION NO. 07OB005

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	287.842	287.618	286.940E	285.840	285.385	285.078	284.787	284.773	1
2	---	---	---	---	288.466	287.788	286.898E	285.838	285.348	285.088	284.777	284.782	2
3	---	---	---	---	288.632	287.898	286.858E	285.821	285.346	285.057	284.788	284.748	3
4	284.784A	---	---	---	288.681	287.823	286.836E	285.823	285.338	285.050	284.749	284.736	4
5	---	---	---	---	288.788	287.841	286.808E	285.818	285.320	285.048	284.708	284.722	5
6	---	---	---	284.433A	288.882	287.472	286.880E	285.892	285.303	285.038	284.743	284.708	6
7	---	---	---	---	288.831	287.428	286.880E	285.868	285.272	285.025	284.809	284.886	7
8	---	---	---	---	288.808	287.423	286.840E	286.831	285.285	285.020	284.847	284.887	8
9	---	---	---	---	288.848	287.412	286.820E	286.806	285.235	285.045	284.882	284.878	9
10	---	---	---	---	288.730	287.381	286.800E	285.478	285.207	285.088	284.888	284.888	10
11	---	---	---	---	288.577	287.272	286.782E	286.484	285.191	285.121	284.907	284.886	11
12	---	---	---	---	288.378	287.170	286.784E	286.433	285.168	285.117	284.926	284.880	12
13	---	---	---	---	288.198	287.082	286.762E	285.418	285.174	285.088	284.928	284.845	13
14	---	---	---	---	288.028	286.944	286.738E	285.389	285.185	285.081	284.927	284.840	14
15	---	---	---	---	287.848	286.848	286.720E	285.388	285.188	285.073	284.934	284.838	15
16	---	---	---	---	287.681	286.783	286.710E	285.388	285.291	285.084	284.988	284.838	16
17	---	---	---	---	287.535	286.686	286.700E	285.388	285.278	285.030	284.988	284.823	17
18	---	---	---	---	287.408	286.884	286.690A	285.353	285.283	285.010	284.982	284.814	18
19	---	---	---	---	287.282	286.822	286.681	285.388	285.238	284.988	284.934	284.808	19
20	---	---	---	---	287.178	286.687	286.686	285.407	285.209	284.978	284.908	284.888	20
21	---	---	---	---	287.138	286.898	286.648	285.480	285.184	284.971	284.878	284.893	21
22	---	---	---	---	287.188	286.820	286.638	285.484	285.186	284.982	284.884	284.888	22
23	---	---	---	---	287.278	286.487	286.633	285.448	285.180	284.894	284.838	284.888	23
24	---	---	---	284.538A	287.358	286.451	286.642	285.434	285.138	284.880	284.818	284.884	24
25	---	---	---	284.808	287.413	286.407	286.648	285.423	285.138	284.880	284.818	284.884	25
26	---	---	---	284.847	287.513	286.383	286.638	285.430	285.117	284.838	284.800	284.877	26
27	---	---	---	284.738	287.831	286.284	286.630	285.423	285.107	284.825	284.780	284.874	27
28	---	---	---	284.888	287.730	286.228	286.642	286.412	285.108	284.868	284.788	284.872	28
29	---	---	---	285.108	287.788	286.180	286.634	285.388	285.087	284.878	284.784	284.868	29
30	---		---	285.738	287.828	286.088A	286.628	285.391	285.084	284.788	284.778	284.881	30
31	---		---		287.841		286.623	285.378		284.784		284.887	31
MEAN	---	---	---	---	287.988	286.824	286.780	285.484	285.212	285.002	284.847	284.840	MEAN
MAX	---	---	---	---	288.831	287.818	286.840	286.840	285.388	285.121	284.988	284.773	MAX
MIN	---	---	---	---	287.842	286.088	286.623	285.353	285.084	284.788	284.708	284.887	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MAXIMUM DAILY, 288.831 ON MAY 7

MAXIMUM INSTANTANEOUS, 288.943 AT 18:25 MST ON MAY 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 00 16 N
LONG 118 58 09 W

A - MANUAL GAUGE
E - ESTIMATED
NATURAL FLOW

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1983 ADJ.)

HAY RIVER NEAR HAY RIVER - STATION NO. 07OB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	17.4 B	5.788	3.608	4.088	85.0B	808	322	221	187	118	71.8B	28.0 B	1
2	17.1 B	5.638	3.618	4.088	780 B	788	312	224	182	114	88.0B	24.7 B	2
3	16.8 B	5.608	3.348	4.078	800 B	760	308	220	182	113	68.0B	28.0 B	3
4	16.4 B	5.788	3.248	4.118	850 B	767	300	217	183	111	92.8B	23.8 B	4
5	16.7 B	5.888	3.188	4.328	1 140 B	734	284	218	181	109	80.0B	22.8 B	5
6	14.4 B	5.888	3.148	4.478	1 080	711	288	218	186	108	58.0B	21.4 B	6
7	13.7 B	5.848	3.128	4.588	1 100	888	263	211	184	106	55.8B	19.8 B	7
8	13.0 B	5.448	3.088	4.888	1 110	878	278	207	180	104	53.0B	18.7 B	8
9	12.3 B	5.358	3.128	4.848	1 100	878	278	200	148	104	51.8B	18.3 B	9
10	11.8 B	5.248	3.188	4.488	1 070	873	269	198	142	100	50.0B	17.3 B	10
11	10.9 B	5.218	3.178	4.438	1 040	834	285	190	138	118	48.8B	16.7 B	11
12	10.2 B	5.288	3.238	4.388	995	824	280	186	135	121	44.0B	16.8 B	12
13	10.2 B	5.298	3.838	4.408	941	832	264	181	133	122	44.8B	15.8 B	13
14	10.0 B	5.248	3.738	4.488	880	850	248	178	131	120	43.0B	15.8 B	14
15	9.208	5.408	3.718	5.418	837	830	243	174	128	118	41.8B	15.6 B	15
16	8.848	5.408	4.318	5.858	784	800	238	172	131	114	40.0B	15.2 B	16
17	8.238	5.268	4.738	7.218	738	478	238	168	140	111	38.8B	13.8 B	17
18	8.038	5.228	4.778	8.138	688	483	238	188	147	107	37.8B	12.8 B	18
19	7.878	4.868	4.618	8.388	661	481	234	188	148	103	36.3B	12.8 B	19
20	7.418	4.788	4.838	8.888	628	438	231	187	141	98.7	35.0B	11.9 B	20
21	7.088	4.548	4.428	8.138	804	428	228	174	138	85.3	34.0B	11.4 B	21
22	6.818	4.428	4.318	8.768	801	420	226	183	134	83.7	33.0B	11.0 B	22
23	6.638	4.238	4.238	10.1 B	824	408	226	188	131	83.2	32.0B	10.8 B	23
24	6.688	4.108	4.188	10.8 B	841	402	233	181	128	83.3	31.0B	10.8 B	24
25	6.388	3.988	4.178	11.4 B	873	393	224	178	128	84.2	30.0B	10.4 B	25
26	6.638	3.878	4.138	12.8 B	887	380	228	177	123	82.3	28.3B	10.2 B	26
27	6.378	3.778	4.118	15.0 B	721	388	223	176	121	80.1	28.3B	10.0 B	27
28	6.088	3.888	4.098	16.0 B	788	383	221	175	118	87.8B	27.8B	9.748	28
29	6.038		4.118	21.0 B	788	340	228	173	118	84.0B	26.7B	9.518	29
30	5.888		4.088	26.0 B	802	330	226	171	117	80.0B	26.8B	9.388	30
31	5.898		4.048		808		222	170		78.0B		9.148	31
TOTAL	309.38	141.02	118.93	246.83	24 902.0	18 422	7 843	5 820	4 181	3 208.2	1 303.8	476.88	TOTAL
MEAN	9.98	5.04	3.84	8.22	808	847	253	188	140	103	43.5	15.4	MEAN
MAX	17.4	6.03	4.81	26.0	1 140	808	322	224	187	122	71.8	28.0	MAX
MIN	5.88	3.88	3.08	4.08	85.0	330	221	188	117	78.0	26.8	9.14	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 178
MAXIMUM DAILY, 1 140B ON MAY 5
MINIMUM DAILY, 3.08B ON MAR 8

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 46 42 N
LONG 118 51 38 W
DRAINAGE AREA, 47 900 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	25 700	JUL	676 000
FEB	12 200	AUG	502 000
MAR	10 300	SEP	362 000
APR	21 300	OCT	277 000
MAY	2 150 000	NOV	113 000
JUN	1 420 000	DEC	41 200

TOTAL DISCHARGE, 5 820 000 dam³

REMARKS - S.S.C. LEVELS TIED INTO THE 1968 CIRCUIT

NORTHWEST TERRITORIES

HAYES RIVER ABOVE CHANTREY INLET - STATION NO. 1OSB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	0B	0 B	8.89B 1	840	167	57.8	22.7	3.74 B	0B	1
2	0B	0B	0B	0B	0 B	12.8 B 1	880	155	61.4	24.5	3.46 B	0B	2
3	0B	0B	0B	0B	0 B	16.4 B 1	880	143	59.3	26.7	3.22 B	0B	3
4	0B	0B	0B	0B	0 B	18.8 B 1	380	133	58.0	28.4	2.98 B	0B	4
5	0B	0B	0B	0B	0 B	21.8 B 1	120	124	58.0	28.0	2.70 B	0B	5
6	0B	0B	0B	0B	0 B	28.0 B	928	118	58.4A	32.7	2.53 B	0B	6
7	0B	0B	0B	0B	0 B	31.4 B	770	110	58.8A	31.4	2.38 B	0B	7
8	0B	0B	0B	0B	0 B	43.0 B	667	104	58.6	18.1	2.18 B	0B	8
9	0B	0B	0B	0B	0 B	68.0 E	582	98.4	54.5	17.2 B	2.02 B	0B	9
10	0B	0B	0B	0B	0 B	72.0 E	549	88.3	52.3	16.1 B	1.86 B	0B	10
11	0B	0B	0B	0B	0 B	92.0 E	502	80.8	51.3	15.2 B	1.70 B	0B	11
12	0B	0B	0B	0B	0 B	120 E	457	87.1	51.3	14.3 B	1.56 B	0B	12
13	0B	0B	0B	0B	0 B	152 E	422	87.5	50.7	13.4 B	1.40 B	0B	13
14	0B	0B	0B	0B	0 B	215 E	390	81.2	47.1	12.5 B	1.26 B	0B	14
15	0B	0B	0B	0B	0 B	273 E	361	80.1	46.5	11.8 B	1.10 B	0B	15
16	0B	0B	0B	0B	0 B	350 E	331	80.6	50.5	11.0 B	0.8708	0B	16
17	0B	0B	0B	0B	0 B	420 E	306	77.9	49.3	10.3 B	0.8408	0B	17
18	0B	0B	0B	0B	0 B	513 E	281	74.3	51.3	9.868	0.7108	0B	18
19	0B	0B	0B	0B	0 B	784	261	74.3	54.3	9.048	0.5808	0B	19
20	0B	0B	0B	0B	0 B	908	236	73.7	53.3	8.408	0.4808	0B	20
21	0B	0B	0B	0B	0.2808 1	120	223	77.1	55.6	7.848	0.3808	0B	21
22	0B	0B	0B	0B	0.5708 1	420	201	76.6	54.7	7.488	0.3108	0B	22
23	0B	0B	0B	0B	0.8508 1	680	188	76.6	49.3	7.028	0.2408	0B	23
24	0B	0B	0B	0B	1.35 B 2	280	184	77.3	44.7	8.568	0.1708	0B	24
25	0B	0B	0B	0B	1.85 B 2	700	219	77.6	41.3	8.108	0.1008	0B	25
26	0B	0B	0B	0B	2.56 B 2	820	250	74.4	34.2	5.788	0.0808	0B	26
27	0B	0B	0B	0B	3.32 B 2	820	242	73.0	29.2	5.408	0.0808	0B	27
28	0B	0B	0B	0B	4.05 B 2	660	227	68.0	28.1	5.068	0.0408	0B	28
30	0B		0B	0B	5.17 B 2	410	209	66.2	26.9	4.708	0.0208	0B	29
31	0B		0B	0B	6.28 B 2	130	187	64.8	23.3	4.388	0 B	0B	30
					7.40 B		176	66.8		4.008		0B	31
TOTAL	0	0	0	0	33.700	39 012.80	18 906	2 846.0	1 483.9	403.87	38.000	0	TOTAL
MEAN	0	0	0	0	1.08	687	545	91.8	48.8	13.0	1.30	0	MEAN
MAX	0	0	0	0	7.40	2 820	1 840	167	61.4	28.4	3.74	0	MAX
MIN	0	0	0	0	0	8.80	176	66.8	23.3	4.00	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 131
MAXIMUM DAILY, 2 820 ON JUN 25
MINIMUM DAILY, 0B ON JAN 1
MAXIMUM INSTANTANEOUS,
2 880 AT 09:04 CST ON JUN 25

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 67 32 00 N
LONG 94 06 52 W
DRAINAGE AREA, 18 100 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL 1 480 000	
FEB	0	AUG 246 000	
MAR	0	SEP 126 000	
APR	0	OCT 34 800	
MAY	2 810	NOV 3 370	
JUN 2 280 000		DEC 0	

TOTAL DISCHARGE, 4 120 000 dam³

INDIN RIVER ABOVE CHALCO LAKE - STATION NO. 07SA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.488	2.528	1.80 B	1.07 B	0.8238	8.03	28.7	14.1	10.0	7.82	8.83	12.8 B	1
2	2.848	2.338	1.80 B	1.16 B	0.8618	9.08	26.4	14.2	9.98	7.58	10.0	12.0 B	2
3	2.018	2.488	1.81 B	1.16 B	1.08 B	10.2	25.6	14.4	9.82	7.87	10.7	13.1 B	3
4	2.868	2.388	1.81 B	1.07 B	1.08 B	11.4	24.7	14.5	9.80	8.20	10.9	11.7 B	4
5	2.838	2.218	1.81 B	1.01 B	1.08 B	12.7	23.8	14.7	9.84	9.88	11.2	10.3 B	5
6	2.528	2.138	1.80 B	1.07 B	1.18 B	13.9	23.2	15.0	9.87	9.80	10.8	10.2 B	6
7	2.508	2.188	1.84 B	1.08 B	1.34 B	15.4	22.4	15.2	10.0	10.0	10.2	10.2 B	7
8	2.488	2.158	1.88 B	1.08 B	1.61	16.4	21.8	15.1	9.80	10.1	9.98	10.8 B	8
9	2.488	2.078	1.85 B	1.07 B	1.88	16.3	21.3	15.1	9.71	10.4	9.78	10.8 B	9
10	2.488	2.098	1.83 B	1.06 B	1.84	20.1	20.7	15.8	9.30	10.6	10.0	11.2 B	10
11	2.508	1.978	1.81 B	1.06 B	1.77	21.7	20.1	15.7	8.98	10.6	10.4	11.6 B	11
12	2.538	2.018	1.47 B	1.06 B	1.77	23.7	19.6	15.8	8.83	10.7	10.1	11.7 B	12
13	2.588	2.068	1.44 B	1.03 B	1.83	25.1	18.9	15.8	8.74	10.8	9.88	11.5 B	13
14	2.688	1.988	1.38 B	0.8778	2.22	26.4	18.3	15.8	8.88	11.1	9.88	11.1 B	14
15	2.808	1.888	1.38 B	0.8828	2.87	27.8	17.7	15.7	8.84	11.2	10.1	10.4 B	15
16	2.858	1.888	1.32 B	0.9378	2.88	28.7	17.1	15.7	8.37	11.5	10.2	9.288	16
17	2.708	1.888	1.28 B	0.8548	2.82	28.8	16.8	15.5	8.21	11.5	10.8	8.518	17
18	2.758	1.898	1.28 B	0.8408	3.18	30.8	16.4	14.4	8.10	11.4	10.4	7.958	18
19	2.778	1.888	1.26 B	1.02 B	3.51	31.8	16.0	13.8	8.00	11.2	10.5	7.398	19
20	2.768	1.898	1.23 B	1.07 B	3.84	32.8	15.8	13.0	7.88	11.1	10.3	8.828	20
21	2.838	1.808	1.16 B	1.11 B	4.26	32.8	15.1	13.2	7.82	11.1	10.0	8.678	21
22	2.618	1.858	1.17 B	1.13 B	4.17	32.4	14.8	13.3	7.48	10.9	9.83	8.508	22
23	2.398	1.788	1.18 B	1.14 B	4.08	32.1	14.8	13.0	7.83	10.8	10.2 B	8.418	23
24	2.408	1.748	1.18 B	1.14 B	3.86	31.7	14.2	12.4	7.81	10.8	10.7 B	8.088	24
25	2.448	1.708	1.16 B	1.10 B	3.87	29.9	13.7	12.2	7.81	10.8	10.7 B	5.708	25
26	2.488	1.868	1.13 B	1.07 B	3.85	28.8	13.1	12.0	7.58	8.88	11.0 B	5.558	26
27	2.788	1.868	1.10 B	0.8528	3.81	28.5	12.7	11.0	7.64	9.62	11.8 B	5.538	27
28	2.828	1.818	1.10 B	0.8528	4.33	27.7	12.4	10.5	7.81	10.8	12.3 B	5.288	28
30	2.818		1.08 B	0.8488	5.14	27.3	13.0	10.1	7.56	11.1	13.0 B	4.888	29
31	2.868		1.06 B	0.8408	6.16	27.0	13.8	9.88	7.48	10.8	13.1 B	4.588	30
			0.8828		7.08		14.1	9.87		9.83		4.358	31
TOTAL	81.87	58.78	41.872	31.143	88.814	713.39	584.8	426.32	257.77	320.66	318.63	271.07	TOTAL
MEAN	2.64	1.89	1.34	1.04	2.88	23.7	18.2	13.8	8.59	10.4	10.8	8.74	MEAN
MAX	3.01	2.82	1.81	1.18	7.08	32.8	28.7	15.8	10.0	11.8	13.1	13.1	MAX
MIN	2.39	1.81	0.882	0.848	0.823	8.03	12.4	9.85	7.45	7.82	8.78	4.35	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.69
MAXIMUM DAILY, 32.8 ON JUN 20
MINIMUM DAILY, 0.8488 ON APR 28
MAXIMUM INSTANTANEOUS,
33.1 AT 15:08 MST ON JUN 20

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 23 20 N
LONG 115 01 16 W
DRAINAGE AREA, 1 630 km²
B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	7 070	JUL 46 800	
FEB	5 820	AUG 38 800	
MAR	3 600	SEP 22 300	
APR	2 800	OCT 27 700	
MAY	7 740	NOV 27 800	
JUN 81 800		DEC 23 400	

TOTAL DISCHARGE, 274 000 dam³

NORTHWEST TERRITORIES

JEAN-MARIE RIVER AT HIGHWAY NO. 1 - STATION NO. 10FB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.7008	0.6408	0.6338	0.6208	15.5E	11.5 A	3.10	3.70 E	0.894	0.878	0.6408	0.5668	1
2	0.6788	0.6208	0.6988	0.6008	20.3E	11.1	3.11	3.40 E	0.887	0.887	0.6348	0.5248	2
3	0.6468	0.6468	0.6038	0.6058	22.8	10.8	3.38	3.20 E	0.893	0.889	0.6878	0.4748	3
4	0.6208	0.6668	0.6008	0.6008	22.6	10.4	3.46	3.00 E	0.936	0.873	0.6588	0.4728	4
5	0.6438	0.6648	0.4738	0.3908	24.2	9.81	3.46	2.78 E	0.911	0.881	0.4488	0.5008	5
6	0.4868	0.6288	0.4628	0.3608	23.9	9.80	3.88	2.62 E	0.812	0.838	0.4428	0.5408	6
7	0.4478	0.6188	0.4628	0.3708	23.4	10.2	3.84	2.58 E	0.884	0.827	0.4418	0.5778	7
8	0.4478	0.6788	0.4628	0.4008	22.8	10.4	3.40	2.38 E	0.887	0.810	0.4338	0.5808	8
9	0.4488	0.6888	0.4908	0.4408	22.9	10.2	3.18	2.23 E	0.881	0.884	0.4218	0.5648	9
10	0.4778	0.6908	0.4318	0.4808	23.2	10.3	3.11	2.10 E	0.888	0.880	0.4138	0.5448	10
11	0.5408	0.5378	0.4588	0.5188	24.2	9.88	2.97	2.00 E	0.878	0.887	0.4108	0.5038	11
12	0.5008	0.5338	0.4808	0.5218	24.8	9.48	2.77	1.88 E	1.01	0.887	0.4128	0.5718	12
13	0.5408	0.5368	0.5008	0.5808	27.0	9.14	2.80A	1.78 E	1.05	0.836	0.4048	0.5738	13
14	0.5208	0.4848	0.5208	0.5648	28.8	8.38	2.80E	1.88 E	1.05	0.835	0.3988	0.5488	14
15	0.6008	0.4308	0.4808	0.5178	30.7	8.23	2.48E	1.68 E	1.02	0.828	0.3878	0.5238	15
16	0.6158	0.3658	0.4628	0.3788	30.6	7.88	2.38E	1.90 E	0.888	0.826	0.4258	0.5148	16
17	0.5488	0.4178	0.4388	0.3278	33.0	7.35	2.30E	1.44 E	1.00	0.826	0.4238	0.4778	17
18	0.6708	0.5158	0.4388	0.3268	35.6	6.86	2.28E	1.32 E	1.02	0.833	0.4148	0.4808	18
19	0.7048	0.5828	0.4508	0.3158	36.2	6.48	2.18E	1.27 E	1.00	0.823	0.4078	0.4408	19
20	0.7308	0.6518	0.4808	0.3148	34.7	6.20	2.11E	1.20 E	0.883	0.830	0.3848	0.4208	20
21	0.7608	0.6488	0.5208	0.3188	30.0E	6.01	2.08E	1.18 E	0.825	0.825	0.3378	0.4108	21
22	0.7808	0.6418	0.5808	0.3338	27.0E	5.73	3.00E	1.14 A	0.887	0.811	0.3148	0.4008	22
23	0.7808	0.6548	0.6008	0.3748	24.0E	5.32	3.80E	1.14	0.884	0.474	0.3708	0.4108	23
24	0.7408	0.6478	0.6208	0.4628	22.0E	4.94	4.40E	1.10	0.819	0.470	0.4608	0.4308	24
25	0.7208	0.4888	0.6008	0.6338	19.8E	4.38	5.20E	1.04	0.804	0.487	0.5208	0.4588	25
26	0.7408	0.5058	0.6408	1.81 B	17.5E	3.88	6.00E	0.988	0.804	0.470	0.6288	0.4708	26
27	0.7208	0.6208	0.6408	2.86 B	15.4E	3.66	6.80E	0.972	0.774	0.477	0.6288	0.5008	27
28	0.7008	0.4858	0.6458	3.33 B	14.0E	3.43	6.20E	0.863	0.728	0.4618	0.6348	0.5208	28
29	0.6508		0.6508	4.47 B	12.8E	3.36	4.80E	0.837	0.700	0.4428	0.5988	0.5108	29
30	0.6708		0.5458	5.84 B	12.0E	3.23	4.40E	0.824	0.686	0.4438	0.5788	0.5028	30
31	0.6508		0.4608		11.7A		4.00E	0.800		0.4488		0.5038	31
TOTAL	19.770	16.338	16.679	32.058	735.1	226.04	108.37	54.635	27.341	16.990	13.820	15.503	TOTAL
MEAN	0.638	0.568	0.538	1.07	23.7	7.80	3.43	1.77	0.911	0.548	0.461	0.500	MEAN
MAX	0.780	0.868	0.840	5.84	36.2	11.5	6.80	3.70	1.05	0.889	0.836	0.577	MAX
MIN	0.448	0.368	0.438	0.314	11.7	3.23	2.08	0.800	0.686	0.442	0.314	0.400	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.61
MAXIMUM DAILY, 36.2 ON MAY 19
MINIMUM DAILY, 0.314E ON APR 20
MAXIMUM INSTANTANEOUS
37.3 AT 23:45 MST ON MAY 18

REMARKS - FORMERLY PUBLISHED AS "AT FORT SIMPSON HIGHWAY"

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 28 45 N
LONG 121 14 28 W
DRAINAGE AREA, 1 310 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 710	JUL	6 190
FEB	1 330	AUG	4 740
MAR	1 350	SEP	2 380
APR	2 770	OCT	1 470
MAY	63 500	NOV	1 170
JUN	19 700	DEC	1 340

TOTAL DISCHARGE, 111 000 dam³

JOHNNY HOE RIVER ABOVE LAC STE. THERESE - STATION NO. 10JB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	13.1B	11.2 B	8.30B	8.84B	30.0B	162	145	58.8	31.2	19.8	14.7B	10.4 B	1
2	13.0B	11.1 B	8.23B	8.63B	33.0B	173	140	55.9	30.7	19.6	14.6B	10.3 B	2
3	12.9B	11.0 B	8.15B	8.61B	35.0B	168	136	52.7	29.8	19.7	14.2B	10.3 B	3
4	12.8B	10.8 B	8.07B	8.80B	100 B	186	130	50.9	28.8	20.6	14.0B	10.2 B	4
5	12.7B	10.6 B	8.00B	8.80B	300 B	170	127	49.6	28.6	20.6	13.8B	10.1 B	5
6	12.6B	10.7 B	7.94B	8.80B	310 B	176	122	49.5	27.6	20.8	13.9B	10.0 B	6
7	12.6B	10.6 B	7.88B	8.80B	305 B	185	118	49.2	27.1	21.2	13.4B	9.98B	7
8	12.5B	10.3 B	7.82B	8.80B	285 B	188	113	49.1	26.6	21.3	13.2B	9.90B	8
9	12.4B	10.2 B	7.76B	8.80B	280 B	190	110	48.8	26.3	21.2	13.1B	9.84B	9
10	12.3B	10.1 B	7.70B	8.80B	230	190	108	48.0	24.8	21.4	12.8B	9.76B	10
11	12.3B	10.0 B	7.64B	8.80B	221	184	99.8	48.3	24.8	22.1	12.8B	9.68B	11
12	12.2B	9.80B	7.58B	8.80B	210	183	96.7	48.7	24.7	22.1	12.8B	9.61B	12
13	12.2B	9.60B	7.52B	8.80B	215	177	93.8	45.4	24.6	22.1	12.4B	9.54B	13
14	12.1B	9.70B	7.46B	8.61B	234	170	89.8	44.2	24.5	22.0B	12.4B	9.48B	14
15	12.1B	9.80B	7.42B	8.63B	238	167	86.4	43.4	24.2	21.8B	12.2B	9.38B	15
16	12.0B	9.80B	7.36B	8.64B	254	202	81.8	42.1	24.3	20.8B	12.1B	9.30B	16
17	12.0B	9.40B	7.24B	8.67B	266	248	80.8	41.0	23.5	20.0B	11.8B	9.24B	17
18	12.0B	9.30B	7.30B	8.80B	277	247	78.5	40.7	23.0	19.8B	11.6B	9.18B	18
19	11.8B	9.20B	7.28B	8.93B	262	244	77.5	40.8	22.2	19.0B	11.7B	9.12B	19
20	11.9B	9.10B	7.22B	8.88B	266	239	73.4	40.6	21.6	18.8B	11.6B	9.06B	20
21	11.8B	9.02B	7.16B	7.00B	281	234	72.8	38.6	21.5	18.0B	11.5B	9.00B	21
22	11.8B	8.94B	7.14B	7.04B	271	226	71.0	38.0	20.9	17.6B	11.4B	8.94B	22
23	11.7B	8.85B	7.10B	7.02B	262	218	68.7	37.5	20.7	17.3B	11.3B	8.87B	23
24	11.8B	8.78B	7.08B	7.30B	253	211	66.7	36.5	20.6	16.9B	11.1B	8.80B	24
25	11.8B	8.68B	7.03B	7.30B	243	200	65.3	35.9	20.6	16.6B	11.0B	8.74B	25
26	11.8B	8.60B	7.00B	7.48B	233	189	64.2	35.3	20.6	16.2B	10.8B	8.68B	26
27	11.8B	8.53B	6.98B	7.66B	223	178	63.4	34.8	20.5	15.8B	10.6B	8.60B	27
28	11.8B	8.41B	6.96B	8.10B	213	168	62.2	34.1	20.4	15.6B	10.7B	8.65B	28
29	11.8B		6.92B	8.50B	203	158	61.1	33.4	20.3	15.3B	10.6B	8.50B	29
30	11.8B		6.90B	13.0 B	194	151	60.2	32.7	20.1	15.1B	10.5B	8.45B	30
31	11.3B		6.87B		186		57.3	31.6		14.9B		8.40B	31
TOTAL	374.6	272.11	231.08	217.92	6 903.0	5 784	2 814.3	1 333.7	726.8	593.1	368.7	289.65	TOTAL
MEAN	12.1	9.72	7.45	7.26	223	193	90.8	43.0	24.2	19.1	12.3	9.35	MEAN
MAX	13.1	11.2	8.30	13.0	310	247	145	58.8	31.2	22.1	14.7	10.4	MAX
MIN	11.3	8.41	6.87	6.80	30.0	151	57.3	31.6	20.1	14.9	10.5	8.40	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 84.6
MAXIMUM DAILY, 310B ON MAY 6
MINIMUM DAILY, 6.80B ON APR 4

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 34 03 N
LONG 121 44 48 W
DRAINAGE AREA, 17 300 km²
B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	33 600	JUL	243 000
FEB	23 800	AUG	118 000
MAR	20 000	SEP	82 000
APR	18 800	OCT	61 200
MAY	595 000	NOV	31 800
JUN	500 000	DEC	35 000

TOTAL DISCHARGE, 1 720 000 dam³

JUNGLE RIDGE CREEK NEAR THE MOUTH - STATION NO. 10KA008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	0 B	5.50 B	0.838E	0.840E	0.170E	0.218	0.276	0.0858	0.0358	1
2	0B	0B	0B	0 B	5.40 B	0.840E	0.800E	0.168E	0.216	0.277	0.0838	0.0338	2
3	0B	0B	0B	0 B	5.05 B	0.844E	0.700E	0.162E	0.216	0.271	0.0808	0.0318	3
4	0B	0B	0B	0 B	5.80 B	0.860E	0.820E	0.166E	0.218	0.266	0.0888	0.0288	4
5	0B	0B	0B	0 B	5.45 B	0.920E	0.880E	0.154E	0.218	0.300	0.0888	0.0268	5
6	0B	0B	0B	0 B	5.88	1.03 A	0.840E	0.151E	0.211	0.288	0.0848	0.0288	6
7	0B	0B	0B	0 B	5.87	1.21	0.800E	0.148E	0.212	0.284	0.0828	0.0268	7
8	0B	0B	0B	0 B	5.10	1.13	0.470E	0.148E	0.208	0.282	0.0808	0.0248	8
9	0B	0B	0B	0 B	4.61	0.978	0.460E	0.144E	0.213	0.286	0.0788	0.0228	9
10	0B	0B	0B	0 B	4.03	0.818	0.418E	0.142E	0.210	0.284	0.0788	0.0218	10
11	0B	0B	0B	0 B	3.28	0.891	0.385E	0.140E	0.212	0.284	0.0748	0.0208	11
12	0B	0B	0B	0 B	2.98	0.838	0.378E	0.138E	0.218	0.272	0.0728	0.0188	12
13	0B	0B	0B	0 B	2.97	0.885	0.388E	0.137E	0.220	0.1958	0.0708	0.0188	13
14	0B	0B	0B	0 B	3.38	0.888	0.337E	0.137E	0.224	0.1788	0.0688	0.0148	14
15	0B	0B	0B	0 B	3.31	1.88	0.322E	0.137E	0.248	0.1878	0.0678	0.0138	15
16	0B	0B	0B	0 B	3.38	8.19	0.308E	0.136E	0.273	0.1588	0.0658	0.0118	16
17	0B	0B	0B	0 B	3.02 A	11.6	0.290E	0.139E	0.274	0.1518	0.0638	0.0098	17
18	0B	0B	0B	0 B	2.80 E	9.47	0.310E	0.141E	0.271	0.1448	0.0618	0.0088	18
19	0B	0B	0B	0 B	2.20 E	8.84	0.288E	0.143E	0.268	0.1388	0.0598	0.0088	19
20	0B	0B	0B	0 B	1.45 E	4.78	0.270E	0.148E	0.266	0.1338	0.0578	0.0088	20
21	0B	0B	0B	0 B	1.48 E	3.45	0.250E	0.190A	0.261	0.1288	0.0558	0.0048	21
22	0B	0B	0B	0 B	2.00 E	2.48	0.235E	0.188	0.240	0.1248	0.0548	0.0038	22
23	0B	0B	0B	0 B	1.78 E	1.82	0.225E	0.188	0.238	0.1208	0.0528	0.0028	23
24	0B	0B	0B	0 B	1.50 E	1.38	0.216E	0.183	0.238	0.1178	0.0508	0.0018	24
25	0B	0B	0B	0.0108	1.30 E	1.08	0.211E	0.188	0.233	0.1148	0.0178	0.0018	25
26	0B	0B	0B	0.1008	1.18 E	0.958	0.204E	0.227	0.230	0.1108	0.0488	0 B	26
27	0B	0B	0B	0.2208	1.04 E	0.888	0.197E	0.230	0.238	0.1078	0.0438	0 B	27
28	0B	0B	0B	0.5008	0.950E	0.838	0.191E	0.228	0.264	0.1048	0.0418	0 B	28
29	0B		0B	1.20 B	0.880E	0.782	0.188E	0.228	0.264	0.1028	0.0388	0 B	29
30	0B		0B	3.80 B	0.840E	0.830E	0.180E	0.218	0.273	0.1008	0.0378	0 B	30
31	0B		0B		0.838E		0.178E	0.232		0.0978		0 B	31
TOTAL	0	0	0	5.670	86.888	88.882	11.630	5.158	7.082	5.827	1.970	0.408	TOTAL
MEAN	0	0	0	0.188	3.18	2.30	0.388	0.166	0.238	0.188	0.068	0.013	MEAN
MAX	0	0	0	3.80	5.80	11.6	0.840	0.230	0.274	0.300	0.088	0.038	MAX
MIN	0	0	0	0	0.838	0.888	0.178	0.137	0.208	0.087	0.037	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.883
MAXIMUM DAILY, 11.6 ON JUN 17
MINIMUM DAILY, 0B ON JAN 1
MAXIMUM INSTANTANEOUS,
12.1 AT 12:47 MST ON JUN 17

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 65 03 50 N
LONG 125 03 44 W
DRAINAGE AREA, 41.3 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	988
FEB	0	AUG	448
MAR	0	SEP	812
APR	481	OCT	803
MAY	8 830	NOV	170
JUN	5 880	DEC	38.0

TOTAL DISCHARGE, 17 700 dam³

KAKISA RIVER AT OUTLET OF KAKISA LAKE - STATION NO. 07UC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	38.28	28.68	21.08	12.0 B	15.8	84.4	78.7	51.8	24.3	13.4	9.428	13.48	1
2	38.68	28.48	20.48	11.8 B	17.2	87.4	76.8	50.4	23.8	13.7	9.278	13.78	2
3	38.38	28.78	20.08	11.7 B	18.3	87.3	76.0	49.3	23.4	14.4	9.388	13.88	3
4	38.08	28.68	19.68	11.8 B	21.0	88.3	75.8	48.4	23.1	20.8	9.788	13.78	4
5	38.38	28.88	19.38	11.8 B	23.3	88.1	74.0	48.8	23.0	13.2	8.868	13.28	5
6	38.08	28.88	19.08	11.4 B	25.4	88.8	73.8	47.8	25.1	12.8	9.858	13.88	6
7	37.08	28.18	18.78	10.7	27.8	92.8	72.8	48.7	26.4	12.8	9.848	13.88	7
8	36.88	28.18	18.48	10.8	30.3	91.0A	71.5	48.8	23.8	13.8	10.1 B	13.48	8
9	36.48	27.78	18.18	10.8	33.3	91.3E	68.8	44.1	19.8	12.7	10.3 B	13.48	9
10	36.48	27.48	17.88	10.7	36.2	91.7E	68.8A	42.8	18.8	13.2	10.6 B	13.38	10
11	36.48	27.38	17.58	10.4	41.8	92.0E	68.0E	42.2	18.5	13.5	10.5 B	14.48	11
12	36.48	26.88	17.18	10.1	44.1	92.4E	68.8E	41.0	18.0	12.0	9.888	14.38	12
13	36.28	26.38	16.88	10.1	47.2	92.7A	69.1E	40.2	18.3	11.5	9.738	14.58	13
14	35.58	24.88	16.58	10.1	50.5	93.5	67.5E	39.1	19.1	11.0	9.518	14.68	14
15	35.18	24.88	16.18	9.78	53.2	97.0	66.8E	38.7	17.8	12.6	9.548	15.08	15
16	34.18	24.88	15.88	9.88	57.8	97.1	66.0E	38.8	17.3	12.3	9.678	14.78	16
17	34.48	24.78	15.58	9.88	58.0	92.0	66.2E	38.1	17.0	13.4	10.6 B	14.28	17
18	33.88	24.78	15.28	9.48	58.2	91.8	64.6A	34.1	16.8	13.5	11.4 B	13.88	18
19	33.38	24.88	15.08	9.18	57.0	92.1	63.8	32.8	17.4	12.8	12.1 B	13.88	19
20	34.18	24.78	14.88	8.88	58.2	93.0	62.4	27.0	16.8	12.8	12.3 B	13.38	20
21	34.28	24.38	14.88	8.88	62.5	90.3	61.8	26.7	16.8	13.7	12.7 B	13.88	21
22	33.28	24.18	14.28	9.36	66.6	88.8	63.7	30.7	14.8	12.3	12.5 B	14.38	22
23	32.78	23.48	14.08	9.41	66.7	86.0	63.7	30.5	14.8	12.8	12.8 B	15.88	23
24	32.58	23.48	13.88	9.10	71.8	83.6	63.8	30.7	14.1	13.0	13.6 B	15.88	24
25	32.38	23.18	13.48	9.12	74.3	81.1	58.8	28.8	14.8	12.7	13.6 B	15.88	25
26	32.58	22.88	13.38	9.34	74.7	78.8	59.1	28.8	14.7	9.15	13.4 B	15.88	26
27	30.88	22.48	13.08	9.88	75.8	80.2	58.1	28.8	15.7	11.3	13.8 B	16.08	27
28	31.88	21.88	12.88	11.1	77.1	80.7	58.8	25.8	13.8	13.0	14.2 B	15.78	28
29	29.88		12.88	12.4	80.8	80.0	58.7	25.8	13.8	11.4	15.7 B	15.28	29
30	28.58		12.48	13.8	82.5	79.8	51.3	25.4	13.3	10.4	13.3 B	15.38	30
31	28.58		12.28		80.5		52.1	25.0		9.87		15.58	31
TOTAL	1 077.8	728.7	498.9	311.44	1 590.0	2 653.8	2 041.8	1 145.8	553.2	393.62	339.80	447.8	TOTAL
MEAN	34.8	26.0	16.1	10.4	51.3	88.5	65.9	37.0	18.4	12.7	11.3	14.4	MEAN
MAX	38.8	28.7	21.0	13.8	82.5	97.1	78.7	51.8	28.4	20.8	15.7	18.0	MAX
MIN	28.8	21.8	12.2	8.80	15.8	78.8	51.3	25.0	13.3	9.15	9.27	13.2	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 32.3
MAXIMUM DAILY, 97.1 ON JUN 15
MINIMUM DAILY, 8.80 ON APR 20
MAXIMUM INSTANTANEOUS,
109 AT 18:47 MST ON JUN 20

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 58 28 N
LONG 117 28 18 W
DRAINAGE AREA, 18 800 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	93 100	JUL	176 000
FEB	62 800	AUG	98 000
MAR	43 100	SEP	47 800
APR	26 900	OCT	34 000
MAY	137 000	NOV	28 300
JUN	239 000	DEC	38 700

TOTAL DISCHARGE, 1 020 000 dam³

NORTHWEST TERRITORIES

KAZAN RIVER ABOVE KAZAN FALLS - STATION NO. 08LC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2130	1480	1170	1100	1350	1980	1 420	1 210	758	818	3740	2730	1
2	2110	1480	1160	1110	1370	2000	1 430	1 190	748	801	3700	2700	2
3	2080	1430	1160	1110	1380	2020	1 410	1 180	740	800	3680	2670	3
4	2080	1430	1150	1110	1410	2060	1 400	1 180	725	808	3620	2640	4
5	2020	1400	1150	1120	1430	2120	1 400	1 180	715	820	3680	2610	5
6	1980	1360	1150	1120	1460	2170	1 400	1 130	713	683	3640	2590	6
7	1970	1370	1140	1120	1470	2230	1 390	1 120	705	661	3600	2550	7
8	1940	1380	1140	1130	1500	2310	1 380	1 100	698	4880	3470	2530	8
9	1910	1380	1130	1130	1520	2420	1 380	1 080	692	4870	3430	2510	9
10	1880	1340	1130	1140	1560	2530	1 380	1 080	683	4810	3380	2480	10
11	1880	1330	1130	1140	1570	2740	1 380	1 080	678	4760	3380	2470	11
12	1840	1310	1120	1150	1600	3100	1 380	1 030	670	4700	3320	2440	12
13	1820	1300	1120	1150	1620	3300	1 380	1 020	660	4640	3280	2420	13
14	1800	1290	1110	1150	1650	4050	1 370	1 000	655	4580	3250	2400	14
15	1780	1280	1110	1150	1670	6760	1 370	988	648	4520	3210	2380	15
16	1760	1270	1110	1170	1690	6750	1 370	975	643	4480	3180	2380	16
17	1740	1260	1100	1180	1710	7800	1 360	963	637	4420	3150	2340	17
18	1710	1260	1100	1180	1730	8050	1 350	943	633	4380	3120	2310	18
19	1680	1250	1100	1200	1760	1 0400	1 340	926	626	4330	3080	2290	19
20	1660	1240	1100	1210	1780	1 1800	1 320	907	623	4280	3050	2270	20
21	1640	1240	1100	1220	1800	1 2800	1 320	888	617	4230	3020	2260	21
22	1620	1230	1100	1230	1820	1 3200	1 310	878	604	4180	2990	2230	22
23	1600	1220	1100	1240	1840	1 3400	1 320	862	598	4140	2980	2200	23
24	1580	1210	1100	1250	1850	1 3400	1 320	847	592	4090	2930	2180	24
25	1560	1200	1100	1260	1860	1 380	1 300	829	577	4030	2900	2160	25
26	1540	1180	1100	1270	1880	1 370	1 280	817	574	3980	2870	2140	26
27	1520	1160	1100	1280	1900	1 400	1 270	807	565	3950	2840	2120	27
28	1500	1170	1100	1310	1910	1 440	1 280	811	558	3910	2810	2100	28
29	1480		1100	1320	1930	1 440	1 280	808	557	3870	2780	2080	29
30	1460		1100	1330	1940	1 430	1 230	792	543	3820	2760	2060	30
31	1470		1100		1960		1 230	773		3780		2040	31
TOTAL	5 473	3 836	3 486	3 982	5 191	22 496	41 700	30 283	19 426	13 687	9 880	7 327	TOTAL
MEAN	177	130	113	118	167	749	1 350	977	648	447	332	236	MEAN
MAX	213	148	117	133	188	1 440	1 420	1 210	758	820	374	273	MAX
MIN	147	117	110	110	135	184	1 230	773	543	378	278	204	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 455
MAXIMUM DAILY, 1 440 ON JUN 28
MINIMUM DAILY, 1100 ON MAR 17
MAXIMUM INSTANTANEOUS,
1 480 AT 17:55 CST ON JUN 28

REMARKS - RECORDS ARE BEING REVIEWED TO 1988

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 39 10 N
LONG 85 51 15 W
DRAINAGE AREA, 70 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	473 000	JUL 3 800 000	
FEB	314 000	AUG 2 820 000	
MAR	300 000	SEP 1 680 000	
APR	308 000	OCT 1 200 000	
MAY	448 000	NOV 834 000	
JUN	1 840 000	DEC 633 000	

TOTAL DISCHARGE, 14 400 000 dam³

KAZAN RIVER AT OUTLET OF ENNADAI LAKE - STATION NO. 08LA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1268	1158	1078	1048	1018	128	337	234	182	200	183	1848	1
2	1268	1158	1078	1048	1018	127	328	218	183	208	181	1838	2
3	1268	1158	1078	1038	1018	130	328	217	182	208	189	1828	3
4	1268	1158	1088	1038	1018	133	327	218	181	208	188	1828	4
5	1268	1148	1088	1038	1018	137	243	213	181	197	188	1818	5
6	1268	1148	1088	1038	1018	140	242	212	178	208	188	1818	6
7	1248	1148	1088	1038	1018	144	241	210	178	203	187	1808	7
8	1248	1148	1088	1038	1018	148	241	208	177	204	187	1808	8
9	1248	1148	1088	1028	1018	154	238	207	178A	204	187	1808	9
10	1238	1138	1088	1028	1018	159	242	203	188	199	188	1888	10
11	1238	1138	1088	1028	101	185	240	200	185	184	184	1878	11
12	1238	1138	1088	1028	103	172	240	200	180	188	183	1878	12
13	1238	1128	1088	1028	103	178	240	203	188	201	183	1888	13
14	1228	1128	1088	1028	103	183	237	188	188	198	183	1888	14
15	1218	1128	1088	1028	103	187	238	187	180	200	182	1888	15
16	1218	1118	1088	1028	103	192	237	184	183	201	180	1888	16
17	1208	1118	1088	1028	103	194	237	183	182	208	178	1848	17
18	1208	1108	1088	1028	108	198	238	188	188	208	178	1848	18
19	1188	1108	1088	1028	108	203	234	188	188	200	178	1838	19
20	1188	1108	1088	1028	108	208	231	181	188	201	178	1838	20
21	1188	1108	1048	1028	107	213	233	183	181	198	178	1828	21
22	1188	1088	1048	1028	108	218	235	188	184	198	178	1818	22
23	1178	1088	1048	1028	110	218	248	184	188A	198	178A	1818	23
24	1178	1088	1048	1028	113	223	231	184	180A	198	188A	1808	24
25	1178	1088	1048	1028	112	228	228	181	188	198	188	1808	25
26	1168	1088	1048	1028	113	228	228	183	201	188	188	1488	26
27	1168	1088	1048	1028	116	228	228	173	201	188	188	1488	27
28	1168	1088	1048	1028	118	231	228	180	201	182	188A	1488	28
29	1168		1048	1028	120	234	228	184	203	188	188B	1488	29
30	1158		1048	1028	121	238	228	183	188	187	184B	1478	30
31	1158		1048		123		223	182		186		1478	31
TOTAL	3 738	3 127	3 288	3 070	3 307	5 831	7 300	5 853	5 711	6 170	5 382	4 803	TOTAL
MEAN	121	112	106	102	107	194	235	188	190	199	179	155	MEAN
MAX	138	118	107	104	123	238	248	226	203	208	183	184	MAX
MIN	118	108	104	102	101	128	223	180	178	188	184	147	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 187
MAXIMUM DAILY, 248 ON JUL 23
MINIMUM DAILY, 1018 ON MAY 1
MAXIMUM INSTANTANEOUS,
257 AT 07:52 CST ON JUL 23

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 15 13 N
LONG 100 58 28 W
DRAINAGE AREA, 21 400 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	323 000	JUL 631 000	
FEB	270 000	AUG 623 000	
MAR	281 000	SEP 493 000	
APR	285 000	OCT 533 000	
MAY	288 000	NOV 485 000	
JUN	478 000	DEC 415 000	

TOTAL DISCHARGE, 4 980 000 dam³

KENDALL RIVER NEAR OUTLET OF DISMAL LAKES - STATION NO. 10PC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	0B	0 B	1.50B	73.1	23.6	9.32	7.98	0.3008	0B	1
2	0B	0B	0B	0B	0 B	2.50B	88.2	22.3	9.18	7.48	0.3588	0B	2
3	0B	0B	0B	0B	0 B	8.70B	85.8	20.8	9.05	7.85	0.2228	0B	3
4	0B	0B	0B	0B	0 B	17.4 B	83.0	19.8	9.08	7.48	0.1918	0B	4
5	0B	0B	0B	0B	0 B	41.3	88.4	18.9	9.10	7.02	0.1848	0B	5
6	0B	0B	0B	0B	0 B	88.8	58.8	18.3	9.28	6.82	0.1428	0B	6
7	0B	0B	0B	0B	0 B	133	53.1	17.4	9.88	6.03	0.1338	0B	7
8	0B	0B	0B	0B	0 B	91.8	53.0	16.8	10.8	5.82	0.1068	0B	8
9	0B	0B	0B	0B	0 B	88.7	51.8	16.4	10.3	5.97	0.0908	0B	9
10	0B	0B	0B	0B	0 B	118	50.0	16.9	10.0	5.83	0.0768	0B	10
11	0B	0B	0B	0B	0 B	158	47.0	15.7	10.1	5.77	0.0678	0B	11
12	0B	0B	0B	0B	0 B	178	47.0	15.6	10.3	5.27	0.0588	0B	12
13	0B	0B	0B	0B	0 B	188	47.0	15.6	10.4	3.88	0.0508	0B	13
14	0B	0B	0B	0B	0 B	190	44.8	15.2	10.8	3.10 A	0.0438	0B	14
15	0B	0B	0B	0B	0 B	182	42.7	15.0	11.4	2.90	0.0378	0B	15
16	0B	0B	0B	0B	0 B	170	40.8	14.8	11.8	2.88 A	0.0328	0B	16
17	0B	0B	0B	0B	0 B	158	40.8	14.8	11.8	2.38 A	0.0278	0B	17
18	0B	0B	0B	0B	0 B	152	39.8	14.8	11.1	2.40 A	0.0238	0B	18
19	0B	0B	0B	0B	0 B	142	37.0	14.1	11.4	2.61 A	0.0208	0B	19
20	0B	0B	0B	0B	0 B	138	35.0	13.3	9.90	1.82 A	0.0178	0B	20
21	0B	0B	0B	0B	0 B	128	34.3	12.7	8.56	1.58 B	0.0148	0B	21
22	0B	0B	0B	0B	0 B	118	33.2	12.3	8.77	1.34 B	0.0118	0B	22
23	0B	0B	0B	0B	0 B	108	31.7	11.8	8.08	1.15 B	0.0088	0B	23
24	0B	0B	0B	0B	0 B	102	30.3	11.3	8.78	0.9548	0.0068	0B	24
25	0B	0B	0B	0B	0 B	97.5	28.4	10.8	7.84	0.8558	0.0048	0B	25
26	0B	0B	0B	0B	0 B	93.8	27.3	10.7	7.84	0.7388	0.0028	0B	26
27	0B	0B	0B	0B	0 B	88.2	26.8	10.3	8.01	0.6348	0.0018	0B	27
28	0B	0B	0B	0B	0 B	83.9	26.8	10.1	8.58	0.5488	0 B	0B	28
29	0B		0B	0B	0 B	78.0	26.7	9.84	8.38	0.4708	0 B	0B	29
30	0B		0B	0B	0.0508 B	78.2	26.3	9.81	8.25	0.4048	0 B	0B	30
31	0B		0B		0.1008 B		25.1	9.59		0.3488		0B	31
TOTAL	0	0	0	0	0.150	3 224.60	1 334.5	488.34	290.90	109.837	3.092	0	TOTAL
MEAN	0	0	0	0	0.005	107	43.0	14.8	9.70	3.83	0.070	0	MEAN
MAX	0	0	0	0	0.100	190	73.1	23.6	11.8	7.98	0.300	0	MAX
MIN	0	0	0	0	0	1.50	25.1	9.59	7.84	0.348	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 14.8
MAXIMUM DAILY, 190 ON JUN 14
MINIMUM DAILY, 0B ON JAN 1
MAXIMUM INSTANTANEOUS,
193 AT 05:42 MST ON JUN 14

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 67 12 51 N
LONG 116 34 33 W
DRAINAGE AREA, 2 780 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	115 000
FEB	0	AUG	38 600
MAR	0	SEP	35 100
APR	0	OCT	9 480
MAY	13.0	NOV	181
JUN	278 000	DEC	0

TOTAL DISCHARGE, 488 000 dam³

KIRCHOFFER RIVER NEAR CORAL HARBOUR - STATION NO. 08PA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	0B	0B	0 B	284	16.8	8.83	0.7008	0.0308	0B	1
2	0B	0B	0B	0B	0B	0 B	323	16.1	8.23	0.5808	0.0308	0B	2
4	0B	0B	0B	0B	0B	0 B	304	15.4	8.80	0.5308	0.0308	0B	3
5	0B	0B	0B	0B	0B	0.0258	138	14.3	11.0	0.4808	0.0308	0B	4
						0.0508	79.9	13.6	17.4	0.4488	0.0308	0B	5
6	0B	0B	0B	0B	0B	0.1508	61.4	11.9	20.7	0.4708	0.0308	0B	6
7	0B	0B	0B	0B	0B	0.2708	64.3	10.8	17.1	0.4408	0.0208	0B	7
8	0B	0B	0B	0B	0B	0.5008	111	10.7	14.1	0.4008	0.0208	0B	8
9	0B	0B	0B	0B	0B	1.20 B	87.2	9.81	11.8	0.3808	0.0208	0B	9
10	0B	0B	0B	0B	0B	2.50 B	73.8	9.03	10.8	0.3508	0.0108	0B	10
11	0B	0B	0B	0B	0B	3.80 B	58.4	9.88	8.18	0.3208	0.0108	0B	11
12	0B	0B	0B	0B	0B	6.40 B	44.9	11.0	7.98	0.3008	0.0108	0B	12
13	0B	0B	0B	0B	0B	10.5 B	38.4	10.1	8.88	0.2708	0.0108	0B	13
14	0B	0B	0B	0B	0B	17.5 B	48.8	9.41	7.72	0.2408	0.0108	0B	14
15	0B	0B	0B	0B	0B	28.6 B	38.4	10.3	8.88	0.2208	0 B	0B	15
16	0B	0B	0B	0B	0B	45.0 B	28.0	11.0	8.81	0.2008	0 B	0B	16
17	0B	0B	0B	0B	0B	73.6 B	23.6	11.2	4.87	0.1808	0 B	0B	17
18	0B	0B	0B	0B	0B	118	19.4	11.4	8.87	0.1808	0 B	0B	18
19	0B	0B	0B	0B	0B	177	17.3	24.0	8.24	0.1408	0 B	0B	19
20	0B	0B	0B	0B	0B	185	19.2	27.8	4.37	0.1208	0 B	0B	20
21	0B	0B	0B	0B	0B	189	18.6	20.8	4.40	0.1008	0 B	0B	21
22	0B	0B	0B	0B	0B	188	16.2	16.8	4.02	0.0908	0 B	0B	22
23	0B	0B	0B	0B	0B	388	14.8	13.7	1.88	0.0808	0 B	0B	23
24	0B	0B	0B	0B	0B	508	20.8	11.4	3.38	0.0708	0 B	0B	24
25	0B	0B	0B	0B	0B	478	28.8	10.0	3.02	0.0608	0 B	0B	25
26	0B	0B	0B	0B	0B	418	31.3	8.88	1.88	0.0508	0 B	0B	26
27	0B	0B	0B	0B	0B	454	18.4	7.87	1.82 B	0.0508	0 B	0B	27
28	0B	0B	0B	0B	0B	424	14.4	7.88	1.20 B	0.0408	0 B	0B	28
29	0B		0B	0B	0B	314	11.8	7.13	0.8708	0.0408	0 B	0B	29
30	0B		0B	0B	0B	372	12.8	8.43	0.7508	0.0408	0 B	0B	30
31	0B		0B		0B		14.8	8.18		0.0308		0B	31
TOTAL	0	0	0	0	0	4 388.128	1 876.4	377.38	208.340	7.840	0.270	0	TOTAL
MEAN	0	0	0	0	0	143	63.7	12.2	6.94	0.248	0.008	0	MEAN
MAX	0	0	0	0	0	508	323	27.8	20.7	0.700	0.030	0	MAX
MIN	0	0	0	0	0	0	11.8	8.18	0.780	0.030	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.8
MAXIMUM DAILY, 508 ON JUN 24
MINIMUM DAILY, 0B ON JAN 1
MAXIMUM INSTANTANEOUS,
758 AT 23:59 CST ON JUN 24

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 07 43 N
LONG 83 26 16 W
DRAINAGE AREA, 3 180 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	171 000
FEB	0	AUG	33 800
MAR	0	SEP	18 000
APR	0	OCT	880
MAY	0	NOV	23.3
JUN	371 000	DEC	0

TOTAL DISCHARGE, 593 000 dam³

NORTHWEST TERRITORIES

KOGNAK RIVER BELOW MOUNTAIN LAKE - STATION NO. 09MD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	11.8 B	8.248	3.478	1.74 B	0.4008	1.04E	311	121	88.8	101	38.7 B	8.788	1
2	11.4 B	8.108	3.408	1.70 B	0.3708	1.80E	300	117	88.8	101	37.0 B	8.588	2
3	11.2 B	8.008	3.328	1.66 B	0.3408	2.60E	282	113	90.8	100	34.8 B	8.428	3
4	10.8 B	8.408	3.288	1.56 B	0.3208	3.30E	288	109	91.8	99.4	33.8 B	8.288	4
5	10.7 B	8.778	3.188	1.53 B	0.3008	4.30E	282	105	91.8	98.8	30.8 B	8.188	5
6	10.5 B	8.648	3.148	1.48 B	0.2808	5.80E	274	102	92.0	93.8	19.8 B	8.008	6
7	10.3 B	8.538	3.078	1.41 B	0.2608	7.80E	268	100	92.5	84.0	19.0 B	8.908	7
8	10.1 B	8.418	3.008	1.38 B	0.2508	10.0 E	258	98.8	93.2A	84.1	17.0 B	8.788	8
9	9.958	8.308	2.938	1.31 B	0.2308	13.3 E	248	84.0	91.8A	83.8	16.0 B	8.688	9
10	9.708	8.208	2.888	1.27 B	0.2308	18.0 E	241	90.8	91.8	82.4	15.0 B	8.588	10
11	9.508	8.108	2.828	1.22 B	0.2108	23.8 E	235	88.2	92.8	90.3	14.3 B	8.488	11
12	9.338	8.008	2.788	1.13 B	0.2008	30.8 E	227	89.2	93.3	88.7	13.7 B	8.328	12
13	9.188	4.908	2.738	1.08 B	0.2008	40.8 E	220	84.0	92.7	84.1	12.8 B	8.248	13
14	8.978	4.808	2.888	1.03 B	0.1908	54.0 E	212	81.3	92.8	82.8	12.3 B	8.108	14
15	8.758	4.708	2.808	0.9808	0.1808	72.0 E	204	78.9	93.8	82.4	11.8 B	8.008	15
16	8.628	4.628	2.858	0.8008	0.1808	94.3 E	198	78.0	84.3	81.7	11.1 B	4.908	16
17	8.418	4.508	2.468	0.6708	0.1808	127 E	190	75.8	85.0	80.8	10.8 B	4.808	17
18	8.308	4.428	2.448	0.8208	0.1808	170 E	184	72.7	85.1	78.4	10.2 B	4.748	18
19	8.148	4.348	2.388	0.7808	0.2008	230 E	178	70.8	85.8	77.2	8.808	4.888	19
20	7.978	4.248	2.348	0.7508	0.2108	298 E	170	71.4	86.7	76.8	8.408	4.678	20
21	7.808	4.188	2.298	0.7008	0.2308	342	184	70.8	87.0	74.8	8.108	4.488	21
22	7.808	4.088	2.248	0.6808	0.2508	367	180	70.7	87.0	73.3	8.708	4.408	22
23	7.488	4.008	2.198	0.6508	0.2808	382	187	70.5	100	71.8	8.448	4.328	23
24	7.378	3.918	2.158	0.6208	0.3208	380	183	71.4	101	71.0	8.178	4.278	24
25	7.188	3.838	2.118	0.5808	0.3808	386	180	72.5	101	70.2	7.878	4.188	25
26	7.058	3.788	2.078	0.5878	0.4008	350	148	72.4	103	67.4	7.078	4.128	26
27	6.908	3.688	2.038	0.5408	0.4808	343	141	75.3	103	66.88	7.488	4.038	27
28	6.808	3.608	1.888	0.5008	0.5008	336	137	76.8	101	80.08	7.388	3.988	28
29	6.628		1.818	0.4808	0.5808	329	133	82.1	102	84.08	7.128	3.988	29
30	6.538		1.868	0.4308	0.7008	321	128	84.8	103	36.88	8.888	3.808	30
31	6.378		1.808		0.8208		128	87.1		34.08		3.888	31
TOTAL	271.20	134.74	79.86	30.287	9.830	4 884.84	6 386	2 673.6	2 884.2	2 438.8	405.78	188.44	TOTAL
MEAN	8.75	4.81	2.58	1.01	0.317	155	206	88.2	95.5	78.7	13.5	6.08	MEAN
MAX	11.8	8.24	3.47	1.74	0.820	382	311	121	103	101	38.7	8.78	MAX
MIN	6.37	3.60	1.80	0.430	0.180	1.04	128	70.5	88.8	34.8	8.88	3.88	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 86.1
MAXIMUM DAILY, 382 ON JUN 23
MINIMUM DAILY, 0.180B ON MAY 14
MAXIMUM INSTANTANEOUS,
371 AT 04:08 CST ON JUN 23

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 15 17 N
LONG 98 28 00 W
DRAINAGE AREA, 8 900 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	23 400	JUL	550 000
FEB	11 600	AUG	231 000
MAR	6 810	SEP	247 000
APR	2 620	OCT	211 000
MAY	848	NOV	35 100
JUN	403 000	DEC	13 800

TOTAL DISCHARGE, 1 740 000 dam³

KUWAK RIVER BELOW PRINCESS MARY LAKE - STATION NO. 08LC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	29.48	25.78	23.08	21.48	21.08	24.38	213	201	128	84.8	44.08	30.38	1
2	28.28	25.68	22.88	21.38	21.08	24.88	218	198	123	87.3	43.88	30.08	2
3	28.08	25.58	22.88	21.38	21.08	25.88	218A	187A	123	71.8	42.18	29.78	3
4	28.88	25.38	22.88	21.38	21.08	26.38	218A	186A	120	71.4	42.18	29.48	4
5	28.78	25.28	22.78	21.38	21.18	27.78	219A	183	119	83.8	41.88	29.18	5
6	28.68	25.18	22.68	21.28	21.18	28.88	219A	180E	117	88.4	41.08	28.88	6
7	28.58	25.08	22.68	21.28	21.18	35.08	221A	186E	115	84.8	40.48	28.68	7
8	28.48	24.88	22.58	21.18	21.18	48.08	222A	185E	114	87.3	38.88	28.38	8
9	28.38	24.68	22.48	21.18	21.28	64.08	223A	183A	115	86.8	38.88	28.08	9
10	28.28	24.78	22.38	21.18	21.38	88.08	222A	181	111	85.4	38.88	27.88	10
11	28.18	24.68	22.28	21.18	21.38	132 E	223A	177	108	85.7	38.48	27.68	11
12	28.08	24.58	22.28	21.18	21.38	144 E	222A	178	107	86.8	37.88	27.48	12
13	27.88	24.48	22.18	21.08	21.48	150 E	224A	172	110	81.8	37.48	27.18	13
14	27.68	24.38	22.18	21.08	21.68	166 E	221A	188	103	80.4	36.88	26.88	14
15	27.68	24.38	22.08	21.08	21.88	158 E	220A	187	101	86.7	36.58	26.88	15
16	27.88	24.18	21.88	21.08	21.88	163 E	218A	187	97.8	87.8	36.88	26.48	16
17	27.48	24.08	21.88	21.08	21.78	168 E	218A	184	88.8	88.7	36.88	26.28	17
18	27.38	23.88	21.88	21.08	21.78	170 E	220A	184	103	88.28	35.18	26.08	18
19	27.18	23.88	21.88	21.08	21.88	174 E	220A	188	88.7	84.08	34.78	25.88	19
20	27.08	23.78	21.88	21.08	21.88	177 E	218A	185	101	83.18	34.38	25.88	20
21	26.88	23.68	21.78	21.08	22.08	180 E	211A	183	104	82.48	33.88	25.48	21
22	26.88	23.58	21.78	21.08	22.18	186 E	210A	180	88.4	81.48	33.58	25.28	22
23	26.78	23.68	21.78	21.08	22.28	192 A	213A	148	83.7	80.88	33.18	25.08	23
24	26.68	23.48	21.68	21.08	22.38	188	218A	142	90.3	49.88	32.68	24.88	24
25	26.58	23.48	21.68	21.08	22.48	196	213A	140	89.4	49.08	32.48	24.88	25
26	26.48	23.38	21.68	21.08	22.58	201	210	140	78.8	48.38	32.08	24.58	26
27	26.28	23.28	21.58	21.08	22.68	204	208	138	78.8	47.48	31.78	24.38	27
28	26.18	23.18	21.58	21.08	22.78	208	207	138	81.7	46.78	31.48	24.18	28
29	26.08		21.58	21.08	23.18	211	208	134	82.7	46.08	31.08	23.88	29
30	25.88		21.48	21.08	23.48	211	208	134	77.3	45.48	30.88	23.78	30
31	25.88		21.48		23.78		203	131		44.88		23.88	31
TOTAL	882.8	680.3	683.7	632.4	675.8	3 877.2	6 703	5 126	3 081.3	1 781.8	1 088.8	824.8	TOTAL
MEAN	27.5	24.3	22.1	21.1	21.8	133	216	165	103	87.5	36.8	26.6	MEAN
MAX	29.4	25.7	23.0	21.4	23.7	211	224	201	128	83.8	44.0	30.3	MAX
MIN	25.8	23.1	21.4	21.0	21.0	24.3	203	131	78.8	44.8	30.8	23.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 71.8
MAXIMUM DAILY, 224A ON JUL 13
MINIMUM DAILY, 21.0B ON APR 13
MAXIMUM INSTANTANEOUS,
241 AT 05:35 CST ON JUL 13

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 47 43 N
LONG 97 25 43 W
DRAINAGE AREA, 12 100 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	73 700	JUL	578 000
FEB	58 800	AUG	443 000
MAR	88 100	SEP	298 000
APR	54 600	OCT	154 000
MAY	88 400	NOV	94 900
JUN	344 000	DEC	71 200

TOTAL DISCHARGE, 2 280 000 dam³

LA MARTRE RIVER BELOW OUTLET OF LAC LA MARTRE - STATION NO. 07TA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	16.78	16.88	16.88	16.78	19.88	33.5	36.8	33.7	28.4	23.5	19.18	17.58	1
2	16.88	16.88	16.88	16.78	20.88	34.3	37.0	33.7	28.4	21.8	20.38	17.48	2
3	16.88	16.88	16.88	16.78	22.38	35.0	36.1	33.4	28.5	21.8	21.38	17.48	3
4	16.88	16.88	16.88	16.78	23.88	35.1	36.2	33.1	28.7	23.3	22.38	17.38	4
5	16.48	16.88	16.88	16.78	22.78	34.8	37.7	32.8	28.8	26.1	23.08	17.28	5
6	16.48	16.78	16.88	16.78	23.78	35.4	37.7	32.8	27.2	24.2	22.78	17.38	6
7	16.38	16.78	16.88	16.78	24.78	36.2	37.8	32.7	28.0	23.3	22.88	17.18	7
8	16.28	16.78	16.88	16.78	26.08	36.8	37.4	32.8	30.0	22.8	21.88	17.18	8
9	16.28	16.88	16.88	16.78	26.3	36.0	37.4	32.8	28.8	22.8	21.38	17.18	9
10	16.18	16.88	16.88	16.78	26.8	36.2	38.8	32.8	27.3	22.8	20.88	17.08	10
11	16.08	16.88	16.88	16.78	26.8	36.8	36.4	32.8	26.8	22.8	20.38	17.08	11
12	16.08	16.88	16.88	16.78	27.4	36.3	36.8	33.4	26.1	22.7	19.88	17.08	12
13	17.88	16.88	16.88	16.78	26.0	36.8	36.4	31.8	26.0	22.8	19.88	17.08	13
14	17.88	16.48	16.88	16.88	26.7	36.4	36.1	31.8	26.4	22.8	19.28	17.08	14
15	17.88	16.48	16.88	16.88	26.4	36.8	34.2	31.8	26.8	22.7	19.08	17.08	15
16	17.78	16.38	16.88	16.78	26.2	38.8	33.4	32.3	27.1	22.8	18.88	17.08	16
17	17.78	16.38	16.88	16.88	28.3	42.0	33.8	31.8	27.4	23.0	18.88	18.88	17
18	17.88	16.38	16.88	16.88	29.4	40.8	34.8	30.8	27.3	22.2	18.78	18.88	18
19	17.88	16.28	16.88	16.38	29.8	40.2	35.7	29.8	27.0	22.8	18.88	18.88	19
20	17.88	16.28	16.88	16.88	30.3	40.4	35.7	28.8	27.8	22.8	18.68	18.88	20
21	17.58	16.38	16.88	16.38	31.0	40.7	35.2	27.4	27.7	23.0	18.48	18.88	21
22	17.48	16.18	16.88	16.88	31.0	40.8	36.0	27.3	28.8	22.2	18.38	18.88	22
23	17.48	16.18	16.88	16.88	31.0	39.7	37.1	27.8	28.8	24.1	18.28	18.88	23
24	17.38	16.08	16.88	16.88	32.0	38.3	36.8	26.2	28.1	21.8	18.18	18.88	24
25	17.38	16.08	16.88	17.48	32.0	38.0	36.5	26.8	28.8	21.1	18.08	18.88	25
26	17.38	16.08	16.88	18.48	32.7	36.7	34.4	26.8	28.8	20.18	18.08	18.88	26
27	17.38	16.08	16.88	18.48	32.8	38.0	33.8	28.4	28.1	19.38	17.88	18.88	27
28	17.18	16.08	16.88	17.38	32.8	38.0	34.8	28.0	28.6	18.88	17.88	18.78	28
29	17.18		16.88	16.88	32.8	36.4	36.8	27.4	28.3	18.88	17.78	18.78	29
30	17.08		16.88	16.88	33.3	36.2	36.3	28.8	28.0	18.78	17.88	18.78	30
31	17.08		16.78		33.3		36.8	28.8		18.88		18.78	31
TOTAL	551.2	459.5	491.4	488.8	875.8	1 108.4	1 116.7	947.5	788.8	686.2	586.3	526.5	TOTAL
MEAN	17.8	16.4	15.9	16.3	28.3	36.8	36.0	30.8	26.2	22.1	18.5	17.0	MEAN
MAX	18.7	16.8	16.8	18.4	33.3	42.0	38.2	33.7	30.8	26.1	23.0	17.8	MAX
MIN	17.0	16.0	15.7	16.3	19.8	33.5	33.4	28.8	23.8	18.7	17.8	16.7	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 23.8
MAXIMUM DAILY, 42.0 ON JUN 17
MINIMUM DAILY, 16.38 ON APR 18
MAXIMUM INSTANTANEOUS,
42.3 AT 08:28 MST ON JUN 17

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 08 35 N
LONG 116 54 18 W
DRAINAGE AREA, 13 800 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	47 600	JUL	96 500
FEB	39 700	AUG	81 800
MAR	42 500	SEP	68 000
APR	42 200	OCT	59 200
MAY	75 700	NOV	50 700
JUN	95 800	DEC	45 500

TOTAL DISCHARGE, 765 000 dam³

LAC LA MARTRE AT LAC LA MARTRE - STATION NO. 07TA003

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.848	1.898	1.837	1.832	1.883	1.883	1.780	1.788	1.872	1.817	1.836	1.886	1
2	1.851	1.892	1.848	1.831	1.884	1.886	1.782	1.773	1.873	1.877	1.842	1.886	2
3	1.853	1.889	1.843	1.827	1.887	1.887	1.778	1.770	1.872	1.880	1.844	1.883	3
4	1.857	1.887	1.839	1.823	1.888	1.886	1.788	1.784	1.871	1.870	1.880	1.880	4
5	1.880	1.887	1.842	1.827	1.888	1.890	1.783	1.783	1.870	1.878	1.880	1.886	5
6	1.837	1.882	1.851	1.828	1.884	1.884	1.801	1.782	1.788	1.885	1.858	1.883A	6
7	1.834	1.878	1.848	1.824	1.888	1.886	1.801	1.788	1.737	1.826	1.850	1.880A	7
8	1.831	1.881	1.885	1.821	1.818	1.885	1.813	1.798	1.703	1.883	1.849	1.880A	8
9	1.880	1.882	1.853	1.824	1.823	1.885	1.788A	1.782	1.639	1.886	1.851	1.880A	9
10	1.861	1.883	1.841	1.821	1.828	1.884	1.778E	1.748	1.807	1.821	1.851	1.813A	10
11	1.845	1.880	1.838	1.826	1.841	1.786	1.774E	1.761	1.863	1.811	1.861	1.883A	11
12	1.853	1.861	1.847	1.828	1.843	1.888A	1.770E	1.732	1.867	1.843	1.878	1.887	12
13	1.883	1.887	1.843	1.822	1.846	1.782A	1.774E	1.748	1.850	1.860	1.889	1.873A	13
14	1.848	1.884	1.843	1.825	1.854	1.784	1.781E	1.762	1.854	1.878	1.889	1.810A	14
15	1.878	1.857	1.843	1.826	1.861	1.788A	1.782E	1.788	1.867	1.870	1.883	1.808A	15
16	1.867	1.888	1.838	1.818	1.858	1.788A	1.778E	1.721	1.871	1.824	1.838	1.888A	16
17	1.868	1.888	1.838	1.822	1.864	1.782	1.767E	1.726	1.848	1.840	1.838	1.888E	17
18	1.868	1.881	1.833	1.826	1.861	1.783	1.788E	1.867	1.836	1.868	1.844	1.872E	18
19	1.856	1.883	1.833	1.831	1.866	1.787	1.803E	1.883	1.867	1.883	1.848	1.888E	19
20	1.856	1.880	1.834	1.827	1.877	1.777	1.778E	1.866	1.828	1.878	1.874	1.914E	20
21	1.860	1.880	1.833	1.828	1.874	1.771	1.782E	1.885	1.819	1.887	1.874	1.888E	21
22	1.853	1.848	1.836	1.806	1.871	1.732	1.775E	1.717	1.813	1.866	1.870	1.887A	22
23	1.864	1.862	1.833	1.887	1.876	1.707	1.788E	1.718	1.840	1.824	1.870	1.888A	23
24	1.868	1.848	1.832	1.887	1.874	1.703	1.773E	1.720	1.864	1.823	1.877	1.884A	24
25	1.861	1.833	1.827	1.880	1.877	1.888	1.778E	1.711	1.838	1.848	1.883	1.886A	25
26	1.881	1.864	1.824	1.888	1.878	1.744	1.788A	1.888	1.888	1.804	1.877	1.886A	26
27	1.888	1.854	1.826	1.886	1.872	1.744	1.785	1.803	1.828	1.814	1.878	1.886A	27
28	1.881	1.841	1.828	1.803	1.873	1.738	1.834	1.892	1.878	1.868	1.883	1.886A	28
29	1.880		1.827	1.804	1.880	1.784	1.783	1.871	1.880	1.838	1.883	1.886A	29
30	1.885		1.828	1.888	1.880	1.788	1.781	1.880	1.888	1.853	1.88	1.887A	30
31	1.727		1.830		1.878		1.781	1.887		1.842		1.880A	31
MEAN	1.863	1.888	1.836	1.816	1.868	1.721	1.783	1.723	1.837	1.889	1.861	1.881	MEAN
MAX	1.727	1.896	1.885	1.832	1.880	1.788	1.824	1.748	1.727	1.870	1.887	1.813	MAX
MIN	1.831	1.833	1.824	1.890	1.888	1.888	1.781	1.888	1.813	1.804	1.838	1.884	MIN

WATER LEVELS IN METRES

MEAN, 1.860
MAXIMUM DAILY, 1.934 ON JUL 28
MINIMUM DAILY, 1.804 ON OCT 26
MAXIMUM INSTANTANEOUS,
1.915 AT 23:28 MST ON JUL 5

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 08 15 N
LONG 117 17 00 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

NORTHWEST TERRITORIES

LENED CREEK ABOVE LITTLE NAHANNI RIVER - STATION NO. 10ED003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.166B	0.126B	0.124B	0.118B	0.300E	3.67	1.78	0.877	0.376	0.280	0.220B	0.185B	1
2	0.166B	0.125B	0.122B	0.116B	0.360E	2.89	2.29	0.841	0.374	0.280	0.210B	0.168B	2
3	0.166B	0.125B	0.121B	0.117B	0.370E	3.05	2.06	0.776	0.386	0.323	0.225B	0.175B	3
4	0.157B	0.125B	0.121B	0.116B	0.380E	4.12	1.87	0.767	0.378	0.332	0.221B	0.170B	4
5	0.149B	0.124B	0.121B	0.117B	0.360E	4.88	1.78	0.740	0.371	0.306	0.212B	0.165B	5
6	0.146B	0.124B	0.118B	0.118B	0.380E	4.17	1.74	0.761	0.381	0.262	0.209B	0.160B	6
7	0.144B	0.124B	0.116B	0.121B	0.385E	3.89	1.84	0.739	0.362	0.299	0.220B	0.165B	7
8	0.143B	0.123B	0.116B	0.115B	0.380E	3.17	1.81	0.730	0.359	0.302	0.235B	0.175B	8
9	0.142B	0.124B	0.117B	0.113B	0.440E	3.24	1.58	0.660	0.357	0.302	0.245B	0.165B	9
10	0.142B	0.124B	0.116B	0.113B	0.460E	3.72	1.55	0.652	0.356	0.285	0.220B	0.175B	10
11	0.142B	0.124B	0.118B	0.113B	0.450E	3.82	1.48	0.624	0.353	0.263	0.223B	0.170B	11
12	0.142B	0.124B	0.114B	0.109B	0.410E	3.88	1.43	0.595	0.348	0.272	0.223B	0.160B	12
13	0.142B	0.123B	0.116B	0.105B	0.380E	4.17	1.38	0.578	0.342	0.273	0.225B	0.160B	13
14	0.142B	0.120B	0.116B	0.105B	0.365E	4.80	1.33	0.552	0.335	0.265B	0.227B	0.148B	14
15	0.144B	0.133B	0.117B	0.104B	0.360E	4.05	1.36	0.546	0.331	0.236B	0.228B	0.148B	15
16	0.143B	0.106B	0.114B	0.104B	0.365E	2.78	1.17	0.531	0.326	0.245B	0.226B	0.146B	16
17	0.141B	0.106B	0.114B	0.103B	0.381A	2.59	1.08	0.516	0.311	0.265B	0.231B	0.142B	17
18	0.141B	0.106B	0.114B	0.102B	0.387	2.16	1.04	0.520	0.307	0.257B	0.222B	0.146B	18
19	0.141B	0.106B	0.115B	0.101B	0.430	2.19	1.05	0.505	0.305	0.260B	0.233B	0.147B	19
20	0.140B	0.112B	0.115B	0.094B	0.536	2.02	1.19	0.488	0.287	0.256B	0.234B	0.164B	20
21	0.140B	0.115B	0.115B	0.089B	0.717	2.05	1.18	0.484	0.288	0.240B	0.233B	0.150B	21
22	0.135B	0.121B	0.116B	0.088B	0.801	2.45	1.58	0.478	0.306	0.233B	0.230B	0.156B	22
23	0.133B	0.121B	0.116B	0.088B	1.04	2.24	1.48	0.471	0.324	0.234B	0.227B	0.155B	23
24	0.133B	0.120B	0.116B	0.088B	1.00	2.41	1.35	0.455	0.312	0.235B	0.223B	0.154B	24
25	0.132B	0.117B	0.116B	0.087B	1.15	2.48	1.28	0.437	0.305	0.234B	0.220B	0.152B	25
26	0.132B	0.117B	0.117B	0.087B	1.33	2.28	1.14	0.422	0.307	0.230B	0.216B	0.150B	26
27	0.130B	0.118B	0.116B	0.087B	1.27	2.11	1.08	0.412	0.344	0.232B	0.212B	0.148B	27
28	0.135B	0.121B	0.122B	0.100B	1.82	1.80	1.02	0.405	0.330	0.235B	0.208B	0.148B	28
29	0.135B		0.122B	0.140B	2.12	1.71	0.952	0.388	0.313	0.240B	0.204B	0.144B	29
30	0.130B		0.116B	0.250B	2.83	1.58	0.885	0.380	0.287	0.245B	0.200B	0.142B	30
31	0.126B		0.116B		3.66		0.885	0.364		0.224B		0.140B	31
TOTAL	4.400	3.361	3.643	3.306	25.788	89.52	43.125	17.748	10.041	8.168	6.683	4.881	TOTAL
MEAN	0.142	0.120	0.118	0.110	0.832	2.98	1.39	0.573	0.335	0.263	0.223	0.157	MEAN
MAX	0.166	0.133	0.124	0.250	3.66	4.88	2.29	0.877	0.379	0.332	0.245	0.185	MAX
MIN	0.126	0.106	0.114	0.087	0.300	1.58	0.885	0.364	0.287	0.224	0.200	0.140	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.605
MAXIMUM DAILY, 4.88 ON JUN 5
MINIMUM DAILY, 0.0870 ON APR 25
MAXIMUM INSTANTANEOUS,
5.05 AT 04:45 MST ON JUN 5

SUMMARY FOR THE YEAR 1980

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 23 00 N
LONG 128 40 37 W
DRAINAGE AREA, 34.3 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	381	JUL	3 720
FEB	290	AUG	1 530
MAR	316	SEP	868
APR	286	OCT	708
MAY	2 230	NOV	577
JUN	7 740	DEC	422

TOTAL DISCHARGE, 18 100 dam³

LIARD RIVER AT FORT LIARD - STATION NO. 10ED001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5300B	3900B	3530B	3290B	4 8000B	4 780	3 880	2 220	1 780	1 580	9000B	6600B	1
2	5200B	3820B	3480B	3320B	5 2000B	5 210	3 420	2 310	1 700	1 570	8400B	6760B	2
3	5050B	3750B	3460B	3330B	5 6900B	5 540	3 250	2 260	1 660	1 510	7760B	6750B	3
4	4950B	3740B	3500B	3330B	5 8700B	5 540	3 160	2 330	1 620	1 580	7470B	6770B	4
5	4850B	3720B	3520B	3310B	5 2800B	5 340	3 210	2 230	1 550	1 640	7000B	6730B	5
6	4720B	3660B	3490B	3320B	5 3300B	5 220	3 350	2 180	1 570	1 610	6600B	6760B	6
7	4800B	3640B	3450B	3350B	5 7400B	5 460	3 430	2 130	1 580	1 600	6200B	6610B	7
8	4500B	3630B	3450B	3370B	5 9300B	5 720	3 280	2 100	1 610	1 640	5800B	6410B	8
9	4450B	3625B	3440B	3390B	5 4500B	5 520	3 150	2 110	1 690	1 630	5400B	6240B	9
10	4350B	3600B	3450B	3410B	5 4800B	5 430	3 110	2 200	1 520	1 600	5000B	6250B	10
11	4300B	3600B	3420B	3450B	5 800	5 290	3 050	2 220	1 620	1 580	4800B	6060B	11
12	4250B	3590B	3420B	3640B	5 700	5 170	2 880	2 490	1 590	1 550	4500B	5950B	12
13	4180B	3580B	3430B	3720B	5 840	5 030	2 870	3 270	1 550	1 530	4250B	5820B	13
14	4120B	3560B	3440B	3970B	5 400	4 890	2 820	3 350	1 480	1 520	4000B	5625B	14
15	4100B	3560B	3460B	4150B	5 820	5 040	2 750	3 020	1 460	1 460	3900B	5520B	15
16	4080B	3590B	3470B	4270B	5 510	5 170	2 670	2 780	1 430	1 440	3750B	5050B	16
17	4080B	3560B	3470B	4360B	5 310	5 270	2 600	2 820	1 410	1 370	3650B	5070B	17
18	4020B	3520B	3440B	4470B	5 090	5 120	2 530	2 600	1 390	1 300	3600B	5760B	18
19	4010B	3480B	3410B	4800B	4 950	4 880	2 430	2 520	1 380	1 230	3600B	5050B	19
20	3970B	3470B	3380B	4800B	4 710	4 240	2 400	2 420	1 380	1 220	3700B	5560B	20
21	3960B	3470B	3370B	4970B	4 630	3 850	2 480	2 340	1 380	1 230	3650B	5300B	21
22	3950B	3500B	3370B	5220B	4 200	4 020	2 510	2 290	1 370	1 270	4100B	5120B	22
23	3970B	3460B	3370B	5440B	4 170	4 060	2 520	2 280	1 360	1 270	4400B	4860B	23
24	3980B	3480B	3360B	5760B	4 320	3 910	2 530	2 230	1 420	1 260	4800B	4950B	24
25	3940B	3480B	3370B	6390B	4 400	3 720	2 550	2 210	1 520	1 270	5300B	4610B	25
26	3950B	3500B	3360B	7220B	4 610	3 820	2 570	2 180	1 810	1 260	5800B	4630B	26
27	3930B	3500B	3320B	8030B	4 580	3 880	2 560	2 130	1 880	1 150B	6300B	4700B	27
28	3960B	3520B	3300B	1 0500B	4 500	4 040	2 540	2 080	1 700	1 150B	6600B	4730B	28
29	3990B		3260B	1 9900B	4 580	4 240	2 420	1 870	1 640	1 000B	7000B	4740B	29
30	4000B		3240B	3 5000B	4 500	4 020	2 330	1 900	1 610	1 050B	6900B	4700B	30
31	3980B		3270B		4 550		2 320	1 830		960B		4640B	31
TOTAL	13 272	10 086	10 572	16 320	167 580	143 100	87 760	72 740	46 400	43 270	16 371	17 664	TOTAL
MEAN	428	360	341	811	5 410	4 770	2 830	2 350	1 550	1 400	546	570	MEAN
MAX	530	390	353	3 600	5 930	5 720	3 880	3 350	1 780	1 650	900	680	MAX
MIN	394	347	324	329	4 170	3 820	2 320	1 830	1 370	960	360	473	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 770
MAXIMUM DAILY, 5 930B ON MAY 8
MINIMUM DAILY, 324B ON MAR 30
MAXIMUM INSTANTANEOUS,
7 160 AT 08:15 MST ON MAY 8

SUMMARY FOR THE YEAR 1980

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 14 35 N
LONG 123 28 45 W
DRAINAGE AREA, 222 000 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 150 000	JUL	7 580 000
FEB	869 000	AUG	6 280 000
MAR	913 000	SEP	4 010 000
APR	1 580 000	OCT	3 740 000
MAY	14 500 000	NOV	1 410 000
JUN	12 400 000	DEC	1 540 000

TOTAL DISCHARGE, 58 000 000 dam³

NORTHWEST TERRITORIES

LIARD RIVER NEAR THE MOUTH - STATION NO. 10ED002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	823B	612B	555B	500B	1 780E	6 500E	5 010	2 840	2 280A	1 820	740B	1 000B	1
2	812B	610B	552B	488B	3 000E	6 600E	4 780	2 880	2 230A	1 780	780B	1 000B	2
3	805B	606B	550B	485B	4 800E	6 940E	4 400	2 870	2 180A	1 750	780B	985B	3
4	789B	606B	548B	487B	5 600E	7 150E	4 220	2 850	2 100A	1 730	770B	984B	4
5	780B	604B	546B	488B	7 300E	7 740E	4 210	2 800	2 030A	1 750	740B	1 010B	5
6	778B	602B	546B	483B	7 820E	6 900A	4 200	2 770	1 970A	1 800	710B	1 000B	6
7	762B	600B	544B	481B	8 360E	6 880	4 140	2 740	1 930A	1 800	680B	1 000B	7
8	747B	598B	542B	488B	8 600E	7 100	4 190	2 700	1 880A	1 770	648B	988B	8
9	736B	596B	540B	486B	9 120A	7 300	4 210	2 680	1 880A	1 740	644B	985B	9
10	726B	591B	538B	487B	8 630E	7 450	4 070	2 670	1 850A	1 770	615B	978B	10
11	712B	590B	536B	488B	8 530A	7 180	3 880	2 700	1 930A	1 770	722B	954B	11
12	700B	588B	536B	490B	8 500E	6 810	3 870	2 750	1 870A	1 780	640B	937B	12
13	690B	586B	534B	492B	8 500E	6 840	3 840	2 890	1 850	1 710	618B	922B	13
14	680B	585B	532B	498B	8 620E	6 820	3 840	3 540	1 820	1 700	648B	911B	14
15	670B	583B	530B	500B	8 630A	6 860	3 780	3 810	1 770	1 680	603B	886B	15
16	662B	581B	529B	510B	8 370E	7 180	3 680	3 620	1 710	1 650	572B	875B	16
17	655B	578B	528B	544B	8 020E	7 050	3 600	3 380	1 660	1 580	535B	848B	17
18	650B	576B	526B	571B	7 880E	7 330	3 470	3 230	1 610	1 510	502B	843B	18
19	645B	574B	524B	570B	7 300E	6 780	3 330	3 140	1 570	1 420	481B	844B	19
20	643B	572B	522B	587B	6 820E	6 210	3 210	3 080	1 540	1 340	466B	847B	20
21	638B	570B	520B	595B	6 530E	5 640	3 110	2 980	1 520	1 270	468B	843B	21
22	636B	568B	519B	599B	6 120E	5 180	3 100	2 930	1 510	1 240	480B	824B	22
23	634B	565B	518B	607B	6 780A	4 830	3 180	2 850	1 500	1 250	518B	807B	23
24	631B	564B	516B	623B	6 610E	4 820	3 280	2 820	1 480	1 280	589B	780B	24
25	629B	562B	514B	656B	6 600E	4 830	3 280	2 780	1 480	1 290B	676B	764B	25
26	625B	561B	512B	697B	6 420A	4 840	3 280	2 700	1 530	1 220B	788B	715B	26
27	622B	560B	510B	763B	6 450E	4 740	3 280	2 640A	1 550	1 170B	868B	700B	27
28	620B	556B	508B	861B	6 500E	4 730	3 340	2 580A	1 750	1 020B	928B	688B	28
29	619B		507B	1 250B	6 550E	4 780	3 290	2 510A	1 630	900B	957B	677B	29
30	616B		505B	1 400B	6 600A	5 010	3 180	2 480A	1 660	800B	1 000B	674B	30
31	616B		502B		6 610E		3 040	2 410A		745B		671B	31
TOTAL	21 271	16 351	16 286	18 251	209 850	186 580	115 450	89 720	53 730	46 025	20 180	26 969	TOTAL
MEAN	686	584	525	608	6 780	6 220	3 720	2 890	1 790	1 480	672	870	MEAN
MAX	823	612	555	1 400	9 120	7 740	5 010	3 810	2 280	1 820	1 000	1 010	MAX
MIN	616	556	502	487	1 780	4 730	3 040	2 410	1 480	745	466	671	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2 250
MAXIMUM DAILY, 9 120A ON MAY 9
MINIMUM DAILY, 466B ON NOV 20

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 44 50 N
LONG 121 13 25 W
DRAINAGE AREA, 277 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 840 000	JUL	9 970 000
FEB	1 410 000	AUG	7 750 000
MAR	1 420 000	SEP	4 640 000
APR	1 580 000	OCT	3 980 000
MAY	18 100 000	NOV	1 740 000
JUN	16 100 000	DEC	2 330 000

TOTAL DISCHARGE, 70 900 000 dam³

LITTLE BUFFALO RIVER BELOW HIGHWAY NO. 5 - STATION NO. 07PB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.740B	0.557B	0.492B	0.486B	5.40B	6.37	2.29	1.01	0.366	0.324	0.290B	0.004B	1
2	0.732B	0.554B	0.490B	0.485B	6.60B	6.24	2.20	0.906	0.350	0.320	0.278B	0.002B	2
3	0.724B	0.551B	0.488B	0.485B	7.61B	6.13	2.15	0.860	0.346	0.320	0.264B	0 B	3
4	0.718B	0.549B	0.486B	0.486B	8.25A	6.03	2.15	0.731	0.341	0.320	0.250B	0 B	4
5	0.708B	0.546B	0.484B	0.482B	8.07	5.88	2.18 A	0.635	0.328	0.318	0.240B	0 B	5
6	0.695B	0.543B	0.482B	0.484B	7.39	5.86	1.98 A	0.583	0.326	0.326	0.230B	0 B	6
7	0.680B	0.540B	0.480B	0.487B	7.02	5.76	1.89	0.518	0.317	0.332	0.220B	0 B	7
8	0.680B	0.538B	0.479B	0.470B	6.75	5.73	1.90	0.459	0.312	0.337	0.210B	0 B	8
9	0.670B	0.536B	0.477B	0.475B	6.45	5.55	1.82	0.413	0.311	0.340	0.200B	0 B	9
10	0.662B	0.533B	0.476B	0.482B	6.24	5.30	1.73	0.384	0.308	0.365	0.190B	0 B	10
11	0.656B	0.530B	0.47[illegible]	0.481B	5.87	5.21	1.62	0.365	0.314	0.410	0.178B	0 B	11
12	0.650B	0.528B	0.473B	0.500B	5.65	5.07	1.53	0.358	0.302	0.423	0.160B	0 B	12
13	0.644B	0.526B	0.472B	0.505B	5.48	4.83	1.51	0.342	0.304	0.445	0.148B	0 B	13
14	0.636B	0.523B	0.471B	0.520B	5.27	4.82	1.40	0.335	0.305	0.437	0.134B	0 B	14
15	0.630B	0.520B	0.469B	0.530B	5.06	4.44	1.24	0.323	0.290	0.416	0.120B	0 B	15
16	0.622B	0.518B	0.468B	0.544B	4.83	4.16	1.10	0.318	0.290	0.424	0.114B	0 B	16
17	0.614B	0.516B	0.467B	0.560B	4.63	3.86	1.05	0.310	0.288	0.415	0.096B	0 B	17
18	0.610B	0.514B	0.466B	0.580B	4.61	3.70	0.912	0.313	0.287	0.403	0.084B	0 B	18
19	0.605B	0.512B	0.464B	0.610B	4.56	3.86	0.803	0.307	0.288	0.388	0.076B	0 B	19
20	0.600B	0.510B	0.463B	0.660B	5.07	3.62	0.858	0.441	0.285	0.408	0.064B	0 B	20
21	0.597B	0.508B	0.462B	0.715B	6.27	3.40	0.808	0.442	0.292	0.420	0.058B	0 B	21
22	0.593B	0.506B	0.462B	0.860B	7.11	3.25	0.766	0.428	0.288	0.427	0.050B	0 B	22
23	0.590B	0.504B	0.461B	1.10 B	7.07	3.12	0.881	0.465	0.289	0.429	0.042B	0 B	23
24	0.587B	0.502B	0.461B	1.30 B	6.12	2.97	0.867	0.514	0.288	0.426	0.036B	0 B	24
25	0.583B	0.500B	0.461B	1.55 B	7.02	2.82	0.833	0.515	0.313	0.430	0.030B	0 B	25
26	0.580B	0.498B	0.460B	2.00 B	7.39	2.67	0.884	0.458	0.323	0.420B	0.024B	0 B	26
27	0.576B	0.496B	0.460B	2.65 B	7.01	2.56	0.785	0.428	0.323	0.400B	0.018B	0 B	27
28	0.572B	0.494B	0.460B	2.95 B	6.70	2.49	0.787	0.418	0.312	0.380B	0.012B	0 B	28
29	0.566B		0.460B	3.23 B	6.66	2.35	0.882	0.408	0.322	0.355B	0.008B	0 B	29
30	0.564B		0.459B	4.40 B	6.46	2.33	1.21	0.388	0.333	0.330B	0.005B	0 B	30
31	0.560B		0.459B		6.40		1.21	0.378		0.310B		0 B	31
TOTAL	19.660	14.650	14.565	30.904	199.57	130.77	42.858	14.788	9.382	11.813	3.831	0.006	TOTAL
MEAN	0.634	0.523	0.470	1.03	6.44	4.36	1.38	0.477	0.313	0.381	0.128	0	MEAN
MAX	0.740	0.557	0.492	4.40	8.25	6.37	2.29	1.01	0.366	0.445	0.290	0.004	MAX
MIN	0.560	0.494	0.459	0.464	4.56	2.33	0.766	0.307	0.285	0.310	0.005	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.35
MAXIMUM DAILY, 8.25A ON MAY 4
MINIMUM DAILY, 0B ON DEC 3
MAXIMUM INSTANTANEOUS,
8.53 AT 01:57 MST ON MAY 5

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 03 01 N
LONG 112 41 52 W
DRAINAGE AREA, 3 330 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 700	JUL	3 680
FEB	1 270	AUG	1 280
MAR	1 260	SEP	811
APR	2 670	OCT	1 020
MAY	17 200	NOV	331
JUN	11 300	DEC	0.52

TOTAL DISCHARGE, 42 500 dam³

NORTHWEST TERRITORIES

LOCKHART RIVER AT OUTLET OF ARTILLERY LAKE - STATION NO. 07RD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	183	140	126	111 E	87.0E	88.0E	132	168	159	151	137	126	1
2	184	139	126	111 E	88.0E	101 E	132	168	158	148	137	127	2
3	182	138	126	110 E	88.0E	103 E	132	167	159	160	137	126	3
4	182	138	126	110 E	88.0E	105 E	132	166	161	159	137	128	4
5	181	138	126	109 E	88.0E	106 E	131	164	161	158	136	126	5
6	180	136	125	108 E	88.0E	107 E	132	164	159	152	136	127	6
7	180	137	124	108 E	84.0E	108 A	133	164	164	152	136	126	7
8	180	137	123	108 E	84.0E	110	134	164	166	152	136	124	8
9	184	136	122	107 E	84.0E	111	136	165	165	152	136	124	9
10	184	136	122	107 E	83.0E	113	134	167	169	164	136	124	10
11	186	136	121	106 E	83.0E	114	136	169	167	163	135	124	11
12	185	136	119	106 E	83.0E	115	136	164	160	161	134	124	12
13	183	136	119	106 E	82.0E	116	136	164	160	161	133	123	13
14	182	135	119	105 E	82.0E	116	136	167	161	160	132	123	14
15	183	134	120	104 E	82.0E	120	136	168	160	160	133	123	15
16	182	133	118	104 E	81.0E	121	136	169	160	147	133	122	16
17	182	131	118	103 E	81.0E	123	136	168	160	143	133	121	17
18	181	131	118	103 E	81.0E	123	136	161	160	142	133	121	18
19	181	131	118	102 E	81.0E	124	144	160	158	140	133	121	19
20	181	131	117A	102 E	81.0E	126	144	167	166	146	132	120	20
21	180	131	117E	101 E	82.0E	124	144	162	158	148	131	118	21
22	168	130	116E	101 E	82.0E	125	146	160	156	146	130	118	22
23	168	130	116E	100 E	82.0E	126	147	160	156	147	130	118	23
24	167	129	116E	100 E	82.0E	126	146	162	158	143	131	116	24
25	166	128	116E	99.0E	82.0E	128	148	164	158	146	131	117	25
26	166	127	114E	98.0E	83.0E	128	148	168	158	160	130	118	26
27	166	126	114E	96.0E	84.0E	128	148	168	156	166	128	118	27
28	164	126	113E	96.0E	84.0E	130	148	162	156	163	130	117	28
29	164		113E	97.0E	86.0E	130	164	162	164	166	130	116	29
30	162		112E	97.0E	87.0E	131	164	166	163	142	128	116	30
31	161		112E		88.0E		166	166		138		116	31
TOTAL	4 731	3 737	3 886	3 120.0	2 886.0	3 546.0	4 348	4 928	4 747	4 833	3 987	3 778	TOTAL
MEAN	183	132	118	104	93.5	118	140	159	153	148	133	122	MEAN
MAX	186	140	126	111	88.0	131	166	167	166	166	137	128	MAX
MIN	161	126	113	97.0	81.0	88.0	131	154	153	138	128	116	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 132
MAXIMUM DAILY, 186 ON OCT 27
MINIMUM DAILY, 81.0E ON MAY 16
MAXIMUM INSTANTANEOUS,
182 AT 22:08 MST ON OCT 27

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 53 46 N
LONG 108 28 17 W
DRAINAGE AREA, 28 600 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	408 000	JUL	375 000
FEB	323 000	AUG	426 000
MAR	319 000	SEP	410 000
APR	270 000	OCT	388 000
MAY	250 000	NOV	345 000
JUN	306 000	DEC	327 000

TOTAL DISCHARGE, 4 180 000 dam³

LORILLARD RIVER ABOVE DALY BAY - STATION NO. 06BA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.388	1.008	1.008	1.008	1.008	1.008	848	92.3	31.12	18.2	5.088	1.678	1
2	1.388	1.008	1.008	1.008	1.008	1.008	583	91.6	31.32	17.5	4.838	1.648	2
3	1.348	1.008	1.008	1.008	1.008	1.008	563	90.4	30.62	16.6	4.888	1.628	3
4	1.328	1.008	1.008	1.008	1.008	1.008	530	90.3	30.22	16.5	4.388	1.608	4
5	1.308	1.008	1.008	1.008	1.008	1.008	483	89.1	29.82	17.0	4.138	1.788	5
6	1.288	1.008	1.008	1.008	1.008	1.008	452	88.7	28.08	17.2	3.988	1.788	6
7	1.268	1.008	1.008	1.008	1.008	1.028	388	88.3	28.1	16.3	3.768	1.748	7
8	1.248	1.008	1.008	1.008	1.008	1.048	346	92.8	27.7	16.0	3.618	1.738	8
9	1.238	1.008	1.008	1.008	1.008	1.138	302	78.8	27.3	15.2	3.438	1.728	9
10	1.208	1.008	1.008	1.008	1.008	1.308	271	70.8	26.7	14.7	3.268	1.718	10
11	1.188	1.008	1.008	1.008	1.008	1.88	248	68.0	25.8	14.0	3.118	1.888	11
12	1.178	1.008	1.008	1.008	1.008	4.38	228	61.6	25.3	13.3	2.978	1.888	12
13	1.168	1.008	1.008	1.008	1.008	8.84	214	57.8	26.6	12.6	2.838	1.878	13
14	1.158	1.008	1.008	1.008	1.008	28.4	201	53.88	25.0	12.0	2.688	1.868	14
15	1.148	1.008	1.008	1.008	1.008	218	188	50.08	24.6	11.4	2.548	1.848	15
16	1.138	1.008	1.008	1.008	1.008	548	172	48.68	24.3	11.0	2.478	1.838	16
17	1.118	1.008	1.008	1.008	1.008	676	158	45.38	23.7	10.5	2.388	1.828	17
18	1.088	1.008	1.008	1.008	1.008	813	148	42.28	24.0	9.98	2.328	1.818	18
19	1.088	1.008	1.008	1.008	1.008	642	138	37.48	24.0	9.58	2.278	1.808	19
20	1.078	1.008	1.008	1.008	1.008	784	127	34.78	24.3	9.12	2.218	1.888	20
21	1.068	1.008	1.008	1.008	1.008	780	117	33.38	25.7	8.868	2.178	1.888	21
22	1.048	1.008	1.008	1.008	1.008	718	108	30.18	24.2	8.288	2.128	1.878	22
23	1.038	1.008	1.008	1.008	1.008	868	102	27.88	23.6	7.888	2.088	1.868	23
24	1.028	1.008	1.008	1.008	1.008	857	97.3	26.88	23.3	7.478	2.048	1.858	24
25	1.008	1.008	1.008	1.008	1.008	744	88.8	26.18	23.1	7.078	2.018	1.848	25
26	1.008	1.008	1.008	1.008	1.008	618	84.8	29.22	21.8	6.778	1.988	1.848	26
27	1.008	1.008	1.008	1.008	1.008	538	84.8	28.88	20.3	6.488	1.978	1.838	27
28	1.008	1.008	1.008	1.008	1.008	488	84.2	27.32	20.7	6.188	1.948	1.838	28
29	1.008		1.008	1.008	1.008	752	81.4	26.48	19.8	5.888	1.918	1.818	29
30	1.008		1.008	1.008	1.008	888	84.1	25.88	19.8	5.588	1.888	1.818	30
31	1.008		1.008		1.008		84.2	30.08		5.288		1.508	31
TOTAL	35.32	28.00	31.00	30.00	31.00	11 834.83	7 443.5	1 882.0	788.6	384.37	88.93	51.08	TOTAL
MEAN	1.14	1.00	1.00	1.00	1.00	394	240	83.8	28.3	11.4	2.80	1.88	MEAN
MAX	1.38	1.00	1.00	1.00	1.00	813	848	92.3	31.3	18.2	5.08	1.87	MAX
MIN	1.00	1.00	1.00	1.00	1.00	1.00	84.8	28.1	19.8	5.28	1.88	1.80	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 81.3
MAXIMUM DAILY, 813 ON JUN 16
MINIMUM DAILY, 1.008 ON JAN 29
MAXIMUM INSTANTANEOUS,
938 AT 08:41 CST ON JUN 16

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 17 38 N
LONG 90 36 48 W
DRAINAGE AREA, 11 000 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 080	JUL	843 000
FEB	2 430	AUG	144 000
MAR	3 880	SEP	85 000
APR	2 880	OCT	30 000
MAY	2 880	NOV	7 810
JUN	1 030 000	DEC	4 410

TOTAL DISCHARGE, 1 930 000 dam³

NORTHWEST TERRITORIES

MAC CREEK NEAR THE MOUTH - STATION NO. 10ED002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.513B	0.335B	0.265B	0.184B	2.70E	21.7	5.39	2.97	1.21	1.37	0.860B	0.546B	1
2	0.503B	0.355B	0.260B	0.186B	2.65E	17.5	6.04	2.48	1.16	1.31	0.856B	0.544B	2
3	0.483B	0.370B	0.255B	0.192B	2.60E	18.0	5.84	2.46	1.18	1.79	0.820B	0.541B	3
4	0.480B	0.385B	0.250B	0.188B	2.60E	27.6	4.80	2.24	1.22	1.84	0.800B	0.536B	4
5	0.435B	0.380B	0.245B	0.185B	3.[illegible]E	20.0	4.44	2.09	1.28	1.62	0.770B	0.535B	5
6	0.410B	0.376B	0.241B	0.202B	3.30E	26.9	4.83	2.07	1.23	1.43	0.735B	0.532B	6
7	0.360B	0.375B	0.238B	0.185B	3.70E	20.4	4.87	2.06	1.33	1.62	0.705B	0.526B	7
8	0.350B	0.374B	0.237B	0.185B	4.10E	18.3	4.52	2.33	1.26	1.57	0.670B	0.525B	8
9	0.325B	0.372B	0.234B	0.179B	4.60E	15.8	4.52	2.34	1.21	1.49	0.640B	0.521B	9
10	0.305B	0.370B	0.230B	0.182B	4.30E	16.0	4.53	2.09	1.18	1.50	0.655B	0.516B	10
11	0.280B	0.366B	0.228B	0.201B	4.15E	16.8	4.28	1.90	1.17	1.30	0.620B	0.514B	11
12	0.281B	0.365B	0.223B	0.221B	4.00E	16.1	4.14	1.93	1.16	1.35	0.580B	0.511B	12
13	0.281B	0.364B	0.220B	0.183B	3.85E	22.9	3.72	1.89	1.14	1.27	0.600B	0.507B	13
14	0.282B	0.362B	0.216B	0.147B	3.80E	35.7	3.88	1.88	1.13	1.05 B	0.605B	0.504B	14
15	0.282B	0.360B	0.213B	0.148B	4.30E	23.6	3.55	1.76	1.12	0.870B	0.604B	0.500B	15
16	0.283B	0.350B	0.210B	0.131B	4.20E	12.4	3.16	1.69	1.15	0.890B	0.600B	0.487B	16
17	0.282B	0.342B	0.207B	0.142B	4.18A	9.34	2.65	1.61	1.13	0.940B	0.595B	0.484B	17
18	0.280B	0.335B	0.204B	0.136B	4.07	8.31	2.48	1.57	1.07	0.990B	0.592B	0.481B	18
19	0.277B	0.328B	0.201B	0.128B	4.11	7.64	2.41	1.59	1.03	1.08 B	0.586B	0.487B	19
20	0.274B	0.321B	0.195B	0.137B	4.82	7.93	2.56	1.51	0.986	1.05 B	0.563B	0.484B	20
21	0.270B	0.318B	0.192B	0.145B	5.60	8.38	2.80	1.51	1.00	1.03 B	0.579B	0.481B	21
22	0.267B	0.310B	0.185B	0.148B	6.35	9.47	3.05	1.53	1.06	1.00 B	0.576B	0.478B	22
23	0.264B	0.302B	0.180B	0.171B	7.86	9.12	2.86	1.52	1.49	0.970B	0.573B	0.475B	23
24	0.260B	0.287B	0.174B	0.190B	8.40	9.19	2.84	1.54	1.49	0.930B	0.570B	0.472B	24
25	0.257B	0.282B	0.168B	0.210B	8.83	11.9	3.36	1.60	1.27	0.900B	0.566B	0.469B	25
26	0.254B	0.285B	0.162B	0.230B	9.17	10.0 E	2.82	1.44	1.34	0.910B	0.563B	0.466B	26
27	0.270B	0.280B	0.165B	0.280B	8.86	7.00E	2.57	1.42	2.85	0.920B	0.560B	0.461B	27
28	0.280B	0.275B	0.168B	0.315B	11.2	6.00E	2.46	1.38	1.89	0.930B	0.557B	0.468B	28
29	0.285B		0.173B	0.420B	15.2	5.29	2.35	1.35	1.70	0.950B	0.554B	0.465B	29
30	0.305B		0.177B	0.520B	24.3	4.93	2.29	1.31	1.53	0.940B	0.551B	0.463B	30
31	0.320B		0.180B		27.3		2.27	1.27		0.910B		0.450B	31
TOTAL	10.008	9.548	6.502	6.048	210.82	457.56	111.53	56.28	39.006	36.730	19.100	15.436	TOTAL
MEAN	0.323	0.341	0.210	0.202	6.79	15.3	3.60	1.82	1.30	1.18	0.637	0.498	MEAN
MAX	0.513	0.385	0.265	0.520	27.3	35.7	6.04	2.97	2.85	1.84	0.860	0.546	MAX
MIN	0.254	0.275	0.162	0.128	2.60	4.93	2.27	1.27	0.986	0.870	0.551	0.450	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.68
MAXIMUM DAILY, 35.7 ON JUN 14
MINIMUM DAILY, 0.128B ON APR 19
MAXIMUM INSTANTANEOUS,
45.2 AT 20:45 MST ON JUN 14

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 12 43 N
LONG 128 45 53 W
DRAINAGE AREA, 218 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	865	JUL	9 640
FEB	825	AUG	4 860
MAR	562	SEP	3 370
APR	523	OCT	3 170
MAY	18 200	NOV	1 650
JUN	39 500	DEC	1 330

TOTAL DISCHARGE, 84 500 dam³

MACKENZIE RIVER (EAST CHANNEL) ABOVE KITTIGAZUIT BAY - STATION NO. 10LC013

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	9.725	---	---	---	---	1
2	---	---	---	---	---	---	---	9.691	---	---	---	---	2
3	---	---	---	---	---	---	---	9.617	---	---	---	---	3
4	---	---	---	---	---	---	---	9.603	---	---	---	---	4
5	---	---	---	---	---	10.820A	---	9.708	---	---	---	---	5
6	---	---	---	---	---	10.350	---	9.776	---	---	---	---	6
7	---	---	---	---	---	10.155	---	9.787	---	---	---	---	7
8	---	---	---	---	---	10.040	---	9.756	---	---	---	---	8
9	---	---	---	---	---	9.983	---	9.733	---	---	---	---	9
10	---	---	---	---	---	9.850A	---	9.687	---	---	---	---	10
11	---	---	---	---	---	---	---	9.711	---	---	---	---	11
12	---	---	---	---	---	---	---	9.674	---	---	---	---	12
13	---	---	---	---	---	---	---	9.784	---	---	---	---	13
14	---	---	---	---	---	---	9.775A	9.773	---	---	---	---	14
15	---	---	---	---	---	---	---	9.664	---	---	---	---	15
16	---	---	---	---	---	---	---	9.621	---	---	---	---	16
17	---	---	---	---	---	---	---	9.691	---	---	---	---	17
18	---	---	---	---	---	---	---	9.448	---	---	---	---	18
19	---	---	---	---	---	---	---	9.386	---	---	---	---	19
20	---	---	---	---	---	---	---	9.523	---	---	---	---	20
21	---	---	---	---	---	---	---	9.868	---	---	---	---	21
22	---	---	---	---	---	---	---	9.858A	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	9.803A	---	---	---	---	---	28
29	---		---	---	---	---	9.854	---	---	---	---	---	29
30	---		---	---	10.827A	---	9.759	---	---	---	---	---	30
31	---		---		---		9.776	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 69 15 20 N
LONG 133 52 36 W

A - MANUAL GAUGE

REGULATED SINCE 1968

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY -010.000 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1981 ADJ.)

NORTHWEST TERRITORIES

MACKENZIE RIVER (EAST CHANNEL) AT INUVIK - STATION NO. 10LC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	44.48	39.78	32.08	19.78	18.18	7908	337	174	147	104	88.08	22.78	1
2	44.28	38.48	32.08	19.38	17.09	7758	327	178	142	110	84.08	23.48	2
3	44.08	38.28	32.18	18.98	16.68	7608	316	187	138	114	80.08	22.88	3
4	43.88	38.08	31.98	18.68	20.78	7108	298	187	133	118	48.88	23.08	4
5	43.88	38.08	31.68	18.38	28.08	882	288	178	131	104	43.08	23.08	5
6	43.88	38.88	31.18	18.08	28.08	811	280	178	128	108	38.08	23.18	6
7	43.68	38.48	30.88	17.78	53.08	884	273	173	124	106	38.08	23.38	7
8	43.28	38.28	30.38	17.48	71.08	828	270	174	128	117	34.08	23.68	8
9	43.08	38.08	30.08	17.28	84.08	485	284	173	118	122	33.08	23.68	9
10	43.88	37.68	29.78	16.88	117 E	473	284	170	118	128	30.28	24.28	10
11	43.78	37.58	29.38	16.78	142 E	461A	347	189	122	121	29.08	24.78	11
12	43.68	37.38	28.68	16.48	174 E	441A	341	187	130	126	24.08	25.38	12
13	43.58	37.18	28.58	16.28	202 E	432	334	186	126	124	24.28	26.08	13
14	43.38	36.88	28.18	16.08	280 E	416	328	178	128 E	116	24.08	26.68	14
15	43.28	36.78	27.78	15.88	300 E	408	323	173	134 E	108	23.18	27.08	15
16	43.18	36.58	27.28	15.68	350 E	392	324	171	144 E	88.0	24.88	28.48	16
17	43.08	36.38	26.88	15.78	400 E	388	324	182	140 E	83.08	24.88	28.38	17
18	41.88	36.18	26.28	15.78	430 E	388	331	167	143 E	81.08	24.28	30.08	18
19	41.68	36.88	26.88	15.88	470 E	416	313	158	163 A	80.08	23.88	30.78	19
20	41.88	38.88	26.18	15.88	500 E	443	311	138	168 E	81.08	23.08	31.38	20
21	41.48	35.38	24.78	15.88	520 E	448	311	184	147 E	84.08	23.48	32.38	21
22	41.28	35.18	24.08	15.48	540 E	438	307	188	137 E	88.08	23.38	33.08	22
23	41.08	34.88	23.68	15.48	555 E	427	188	183	137 F	104 E	23.18	33.78	23
24	40.88	34.88	23.18	15.28	570 E	411	180	182	118	111 E	23.08	34.38	24
25	40.88	34.38	22.78	15.38	585 E	399	184	188	104	113 E	22.88	34.88	25
26	40.58	34.08	22.18	15.28	800 E	394	188	180	111	107 E	22.88	35.18	26
27	40.48	33.78	21.78	15.38	820 E	383	181	184	113	97.08	22.88	35.48	27
28	40.28	33.38	21.08	15.28	880 E	372	185	183	106	88.08	23.78	35.78	28
29	40.18		20.78	15.38	740 E	368	173	148	89.2	78.08	22.78	35.88	29
30	40.08		20.28	15.88	780 E	343	167	180	104	71.08	22.78	35.88	30
31	39.88		19.88		800 E		172	180		88.08		35.88	31
TOTAL	1 303.6	1 026.0	839.9	494.8	10 886.3	16 833	7 287	5 080	3 995.3	3 295.0	907.3	894.7	TOTAL
MEAN	42.1	36.7	26.8	16.5	344	494	234	164	130	103	30.2	28.8	MEAN
MAX	44.4	38.7	32.8	19.7	800	7908	337	187	163	128	88.0	35.8	MAX
MIN	39.8	33.3	19.9	15.2	18.1	343	167	138	89.2	85.0	22.7	22.7	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 137
MAXIMUM DAILY, 8000 ON MAY 31
MINIMUM DAILY, 15.28 ON APR 26

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT. 68 22 33 N
LONG 133 48 48 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1986

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	113 000	JUL	627 000
FEB	88 600	AUG	438 000
MAR	71 700	SEP	336 000
APR	42 800	OCT	277 000
MAY	933 000	NOV	78 400
JUN	1 380 000	DEC	77 300

TOTAL DISCHARGE, 4 330 000 dam³

MACKENZIE RIVER (EAST CHANNEL) AT INUVIK - STATION NO. 10LC002

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	11.168	---	11.208	11.218	11.288	15.887	13.881	11.884	11.673	11.178	11.043	---	1
2	11.167	---	11.214	11.221	11.288	15.108	13.801	11.884	11.648	11.218	10.882	---	2
3	11.167	---	11.212	11.223	11.328	14.708	13.628	11.724	11.612	11.281	10.844	---	3
4	11.168	---	11.189	11.226	11.428	14.388	13.347	11.722	11.378	11.338	10.818	---	4
5	11.188	---	11.187	11.230	11.878	14.148	13.281	11.877	11.300	11.178	10.888	---	5
6	11.188	---	11.187	11.228	11.737	13.888	13.264	11.881	11.228	11.183	10.888	---	6
7	11.188	---	11.181	11.228	11.832	13.873	13.284	11.838	11.287	11.188	10.888	---	7
8	11.218	---	11.183	11.238	12.148	13.487	12.188	11.841	11.228	11.271	10.887	---	8
9	11.238	11.228	11.182	11.247	12.324	13.238	12.184	11.838	11.278	11.318	10.873	---	9
10	11.288	11.238	11.174	11.268	12.827	13.232	12.108	11.817	11.288	11.227	10.868	---	10
11	11.284	11.231	11.188	11.267	12.738	13.178A	12.088	11.811	11.272	11.288	10.828	---	11
12	11.318	11.232	11.182	11.268	13.011	13.078A	12.081	11.888	11.288	11.227	10.812	---	12
13	11.318	11.236	11.183	11.265	13.084	13.028	11.981	11.887	11.322	11.218	10.888	---	13
14	11.288	11.228	11.183	11.264	13.237	12.988	11.942	11.818	11.448	11.282	10.887	---	14
15	11.288	11.261	11.188	11.288	13.381	12.888	11.827	11.834	11.788	11.288	10.888	---	15
16	11.288	11.282	11.187	11.282	12.838	12.838	11.833	11.828	11.887	11.138	10.888	---	16
17	11.288	11.238	11.181	11.278	12.888	12.818	11.888	11.878	11.818	11.218	10.748	---	17
18	11.284	11.218	11.184	11.281	12.771	12.887	11.877	11.473	12.082	11.481	10.781	---	18
19	11.284	11.218	11.188	11.288	12.882	12.882	11.873	11.383	12.078	11.443	10.781	---	19
20	11.288	11.218	11.181	11.288	13.028	13.088	11.881	11.381	11.872	11.388	10.783	---	20
21	11.283	11.223	11.188	11.288	14.004	13.088	11.882	11.783	11.888	11.388	10.883	---	21
22	11.288	11.203	11.182	11.288	14.088	13.084	11.838	11.888	11.488	11.388	10.838	---	22
23	11.288	11.200	11.183	11.278	14.288	13.004	11.788	11.813	11.388	11.387	---	---	23
24	11.287	11.198	11.181	11.271	14.881	13.036	11.738	11.888	11.288	11.318	---	---	24
25	11.338	11.178	11.283	11.243	14.884	13.888	11.788	11.888	11.178	11.382	---	---	25
26	---	11.228	11.283	11.288	14.883	13.843	11.714	11.887	11.238	11.387	---	---	26
27	---	11.288	11.281	11.288	14.832	13.778	11.748	11.818	11.243	11.348	---	---	27
28	---	11.218	11.286	11.288	14.711	13.728	11.711	11.812	11.184	11.288	---	---	28
29	---		11.288	11.278	15.188	13.888	11.838	11.488	11.148	11.238	---	---	29
30	---		11.288	11.274	15.888	13.877	11.888	11.488	11.148	11.178	---	---	30
31	---		11.213		16.888		11.838	11.488	11.181	11.111		---	31
MEAN	---	---	11.182	11.253	13.384	13.328	11.887	11.878	11.488	11.281	---	---	MEAN
MAX	---	---	11.214	11.274	16.888	15.887	13.881	11.724	12.078	11.481	---	---	MAX
MIN	---	---	11.188	11.218	11.288	12.877	11.888	11.381	11.148	11.111	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 16.888 ON MAY 31

MAXIMUM INSTANTANEOUS,
16.137 AT 12:17 MST ON MAY 31

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY +010.000 M ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1981 ADJ.)

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT. 68 22 33 N
LONG 133 48 48 W

A - MANUAL GAUGE

REGULATED SINCE 1986

NORTHWEST TERRITORIES

MACKENZIE RIVER (MIDDLE CHANNEL) AT TUNUNUK POINT - STATION NO. 10LC013

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.805	---	---	---	---	13.146	10.636	10.312E	---	---	---	---	1
2	9.861	---	---	---	---	13.037	10.624	10.333A	---	---	---	---	2
3	9.808	---	---	---	---	13.484	10.586	10.386	---	---	---	---	3
4	9.748	---	---	---	---	13.146	10.517	10.287	---	---	---	---	4
5	9.734	---	---	---	---	11.884	10.500	10.229	---	---	---	---	5
6	9.780	---	---	---	---	11.886	10.478	10.218	---	---	---	---	6
7	9.807	---	---	---	---	11.488	10.481	10.313	---	---	---	---	7
8	9.810	---	---	---	---	11.309	10.492	10.217	---	---	---	---	8
9	9.888	---	---	---	---	11.181	10.431	10.173	---	---	---	---	9
10	9.847	---	---	---	---	11.082	10.386	10.187	---	---	---	---	10
11	9.849	---	---	---	---	11.031	10.409	10.174	---	---	---	---	11
12	9.835	---	---	---	---	10.985	10.381	10.170	---	---	---	---	12
13	9.882	---	---	---	---	10.913	10.371	10.185A	---	---	---	---	13
14	9.787	---	---	---	---	10.886	10.388	---	---	---	---	---	14
15	9.748	---	---	---	---	10.833	10.383	---	---	---	---	---	15
16	9.883	---	---	---	---	10.873	10.372	---	---	---	---	---	16
17	9.882	---	---	---	---	10.806	10.488	---	---	---	---	---	17
18	---	---	---	---	---	10.800	10.401	---	---	---	---	---	18
19	---	---	---	---	---	10.851	10.388	---	---	---	---	---	19
20	---	---	---	---	11.812A	11.033	10.381	---	---	---	---	---	20
21	---	---	---	---	11.832	10.871	10.378	---	---	---	---	---	21
22	---	---	---	---	11.978	10.832	10.356	---	---	---	---	---	22
23	---	---	---	---	12.160	10.888	10.358	---	---	---	---	---	23
24	---	---	---	---	12.258	10.852	10.304	---	---	---	---	---	24
25	---	---	---	---	12.198	10.841	10.337	---	---	---	---	---	25
26	---	---	---	---	12.142	10.789	10.307	---	---	---	---	---	26
27	---	---	---	---	12.132	10.720	10.288	---	---	---	---	---	27
28	---	---	---	---	12.108	10.884	10.215	---	---	---	---	---	28
29	---		---	---	12.288	10.848	10.179A	---	---	---	---	---	29
30	---		---	---	12.573	10.829	10.243E	---	---	---	---	---	30
31	---		---		12.889		10.280E	---		---		---	31
MEAN	---	---	---	---	---	11.209	10.382	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	13.146	10.636	---	---	---	---	---	MAX
MIN	---	---	---	---	---	10.620	10.179	---	---	---	---	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1988

MAXIMUM DAILY, 13.146 ON JUN 1

MAXIMUM INSTANTANEOUS, 13.286 AT 08:36 MST ON JUN 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 00 57 N
LONG 134 41 32 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED SINCE 1988

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY -010.000 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1981 ADJ.)

MACKENZIE RIVER (REINDEER CHANNEL) AT ELLICE ISLAND - STATION NO. 10MC011

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	11.880A	---	9.888	9.818	---	---	---	1
2	---	---	---	---	---	---	---	9.770	9.662	---	---	---	2
3	---	---	---	---	---	---	9.888A	9.877	9.608	---	---	---	3
4	---	---	---	---	---	---	9.878	9.708	9.481	---	---	---	4
5	---	---	---	---	---	---	9.871	9.718	9.517	---	---	---	5
6	---	---	---	---	---	---	---	9.881	9.767	9.703	---	---	6
7	---	---	---	---	---	---	---	9.887	9.707	9.681	---	---	7
8	---	---	---	---	---	10.780A	9.887	9.887	9.720	9.571	---	---	8
9	---	---	---	---	---	10.801	9.887	9.833	9.873	9.608	---	---	9
10	---	---	---	---	---	10.643	9.833	9.797	9.723	9.749A	---	---	10
11	---	---	---	---	---	10.341	9.797	9.710	---	---	---	---	11
12	---	---	---	---	---	10.234	9.841	9.724	---	---	---	---	12
13	---	---	---	---	---	10.178	9.888	9.784	---	---	---	---	13
14	---	---	---	---	---	10.095	9.884	9.748	---	---	---	---	14
15	---	---	---	---	---	10.002	9.888	9.798	---	---	---	---	15
16	---	---	---	---	---	9.948	9.893	9.721	---	---	---	---	16
17	---	---	---	---	---	10.005	9.844	9.884	---	---	---	---	17
18	---	---	---	---	---	9.989	10.183	9.472	---	---	---	---	18
19	---	---	---	---	---	10.158	9.848	9.838	---	---	---	---	19
20	---	---	---	---	---	10.088	9.880A	9.788	---	---	---	---	20
21	---	---	---	---	11.180A	10.084	---	9.883	---	---	---	---	21
22	---	---	---	---	11.182	10.028	---	9.814	---	---	---	---	22
23	---	---	---	---	11.182	10.086	---	9.890	---	---	---	---	23
24	---	---	---	---	11.281	10.030A	---	9.837	---	---	---	---	24
25	---	---	---	---	11.388	---	---	9.714	---	---	---	---	25
26	---	---	---	---	11.333	---	---	9.881	---	---	---	---	26
27	---	---	---	---	11.303A	---	---	9.808	---	---	---	---	27
28	---	---	---	---	---	---	---	9.877	---	---	---	---	28
29	---	---	---	---	---	---	9.718A	9.823	---	---	---	---	29
30	---	---	---	---	---	---	9.889	9.888	---	---	---	---	30
31	---	---	---	---	11.250A	---	9.881	9.884	---	---	---	---	31
MEAN	---	---	---	---	11.280	---	9.731	9.884	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	9.888	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	9.883	---	---	---	---	MIN
								9.472	---				

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 01 15 N
LONG 136 33 15 W

A - MANUAL GAUGE

REGULATED SINCE 1988

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY -010.000 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1981 ADJ.)

NORTHWEST TERRITORIES

MACKENZIE RIVER ABOVE THE RAMPARTS - STATION NO. 10KD005

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	14.828	14.348	14.104	---	---	---	1
2	---	---	---	---	---	---	14.889	14.344	14.089	---	---	---	2
3	---	---	---	---	---	---	14.871	14.322	14.078	---	---	---	3
4	---	---	---	---	---	---	14.901	14.288	14.067	---	---	---	4
5	---	---	---	---	---	---	14.930	14.279	14.047	---	---	---	5
6	---	---	---	---	---	---	14.921	14.288	14.017	---	---	---	6
7	---	---	---	---	---	---	14.878	14.270	14.002	---	---	---	7
8	---	---	---	---	---	---	14.783	14.271	13.988	---	---	---	8
9	---	---	---	---	---	18.088A	14.728	14.273	13.987	---	---	---	9
10	---	---	---	---	---	18.077	14.883	14.279	13.984	---	---	---	10
11	---	---	---	---	---	18.048	14.853	14.288	13.972	---	---	---	11
12	---	---	---	---	---	18.035	14.820	14.280	13.968	---	---	---	12
13	---	---	---	---	---	18.003	14.819	14.326	13.958	---	---	---	13
14	---	---	---	---	---	18.078	14.808	14.307	13.954	---	---	---	14
15	---	---	---	---	---	18.004	14.885	14.302	13.956	---	---	---	15
16	---	---	---	---	---	18.218	14.884	14.302	13.988	---	---	---	16
17	---	---	---	---	---	17.174	14.835	14.298	13.978	---	---	---	17
18	---	---	---	---	---	17.420	14.882	14.226	13.961	---	---	---	18
19	---	---	---	---	---	18.887	14.481	14.276	13.934	---	---	---	19
20	---	---	---	---	---	18.811	14.402	14.318	13.948	---	---	---	20
21	---	---	---	---	---	18.414	14.437	14.328	13.933	---	---	---	21
22	---	---	---	---	---	18.228	14.408	14.283	13.921	---	---	---	22
23	---	---	---	---	---	18.883	14.346	14.260	13.881	---	---	---	23
24	---	---	---	---	---	18.727	14.377	14.245	13.902	---	---	---	24
25	---	---	---	---	---	18.502	14.384	14.213	13.888	---	---	---	25
26	---	---	---	---	---	18.301	14.341	14.204	13.887	---	---	---	26
27	---	---	---	---	---	18.219	14.337	14.199	13.887	---	---	---	27
28	---	---	---	---	---	18.181	14.338	14.180	13.886	---	---	---	28
29	---		---	---	---	18.108	14.348	14.161	13.888	---	---	---	29
30	---		---	---	---	18.017	14.350	14.147	13.898	---	---	---	30
31	---		---	---	---		14.347	14.134		---		---	31
MEAN	---	---	---	---	---	---	14.585	14.247	13.981	---	---	---	MEAN
MAX	---	---	---	---	---	---	14.930	14.345	14.104	---	---	---	MAX
MIN	---	---	---	---	---	---	14.336	14.124	13.884	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT. 66 08 58 N
LONG 139 58 07 W

A - MANUAL GAUGE

REGULATED SINCE 1988

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

MACKENZIE RIVER AT ARCTIC RED RIVER - STATION NO. 10LC014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4 700B	4 270B	3 630B	3 570B	3 510B	28 000B	17 600	11 600	10 600	8 610	4 700B	3 700B	1
2	4 720B	4 240B	3 620B	3 560B	3 500B	28 400B	18 000	11 600	10 400	8 590	4 630B	3 700B	2
3	4 730B	4 300B	3 610B	3 550B	3 710B	24 900	18 400	11 600	10 200	8 570	4 560B	3 700B	3
4	4 780B	4 270B	3 600B	3 540B	3 640B	24 000	18 100	11 600	10 100	8 550	4 200B	3 700B	4
5	4 770B	4 250B	3 700B	3 530B	4 010B	23 600	18 000	11 600	9 830	8 540	4 080B	3 700B	5
6	4 770B	4 230B	3 770B	3 520B	4 500B	21 600	18 700	11 600	9 680	8 580	3 990B	3 770B	6
7	4 770B	4 210B	3 780B	3 510B	6 000B	21 200	18 700	11 700	9 670	8 700	3 930B	3 800B	7
8	4 780B	4 200B	3 740B	3 510B	6 800B	20 800	18 600	11 800	9 630	8 700	3 880B	3 850B	8
9	4 780B	4 180B	3 720B	3 510B	8 000B	20 600	18 400	11 800	9 350	8 650	3 810B	3 930B	9
10	4 730B	4 170B	3 720B	3 500B	7 800B	21 200	18 000	11 400	9 260	8 640	3 770B	4 000B	10
11	4 710B	4 180B	3 710B	3 500B	8 800B	21 600	14 800	11 600	9 330	8 780	3 740B	4 100B	11
12	4 700B	4 120B	3 710B	3 500B	12 600B	21 400	14 300	11 600	9 330	8 770	3 710B	4 210B	12
13	4 690B	4 100B	3 700B	3 500B	15 000B	21 300	14 100	11 300	9 190	8 630	3 580B	4 300B	13
14	4 680B	4 080B	3 700B	3 500B	17 600B	20 800	13 900	11 100	9 320	8 380	3 640B	4 380B	14
15	4 690B	4 060B	3 690B	3 500B	18 200B	20 800	13 700	11 000	9 740	8 200	3 600B	4 430B	15
16	4 640B	4 040B	3 680B	3 480B	20 000B	20 400	13 700	10 800	9 780	8 050	3 560B	4 480B	16
17	4 620B	4 020B	3 660B	3 480B	20 000B	21 200	13 600	10 800	10 000	8 200	3 560B	4 510B	17
18	4 610B	4 010B	3 670B	3 480B	21 000B	23 000	13 300	10 800	10 200	8 470	3 530B	4 540B	18
19	4 600B	4 000B	3 650B	3 480B	21 300B	24 700	13 100	10 800	10 500	8 220	3 510B	4 560B	19
20	4 590B	3 980B	3 660B	3 480B	21 500B	25 000	13 000	10 800	10 200	8 070	3 500B	4 570B	20
21	4 580B	3 980B	3 640B	3 480B	21 700B	26 000	12 800	11 200	9 760	8 330B	3 500B	4 580B	21
22	4 580B	3 940B	3 630B	3 480B	22 200B	27 000	12 600	11 200	9 530	8 250B	3 500B	4 580B	22
23	4 540B	3 920B	3 620B	3 470B	23 000B	23 100	12 400	11 300	9 320	8 190B	3 500B	4 580B	23
24	4 510B	3 910B	3 620B	3 470B	23 500B	21 400	12 200	11 800	9 110	7 840B	3 510B	4 580B	24
25	4 480B	3 900B	3 610B	3 480B	24 500B	21 100	12 000	11 800	8 890	7 600B	3 520B	4 570B	25
26	4 470B	3 880B	3 600B	3 480B	25 500B	20 300	11 800	11 800	8 730	7 200B	3 530B	4 560B	26
27	4 480B	3 870B	3 590B	3 480B	26 400B	19 600	12 000	11 300	8 720	6 830B	3 560B	4 550B	27
28	4 430B	3 850B	3 580B	3 480B	27 000B	19 100	11 700	11 200	8 600	6 180B	3 580B	4 530B	28
29	4 410B		3 580B	3 480B	28 000B	18 600	11 600	11 000	8 510	5 700B	3 620B	4 500B	29
30	4 400B		3 580B	3 480B	28 700B	18 100	11 600	10 800	8 570	5 280B	3 660B	4 470B	30
31	4 390B		3 570B		28 500B		11 700	10 700		5 030B		4 440B	31
TOTAL	143 180	114 330	114 280	104 800	500 770	655 700	430 200	350 200	285 840	247 110	113 640	132 140	TOTAL
MEAN	4 620	4 080	3 680	3 500	16 200	21 900	13 900	11 300	9 530	7 970	3 790	4 260	MEAN
MAX	4 770	4 370	3 630	3 570	27 000	28 000	17 600	11 600	10 600	8 940	4 780	4 580	MAX
MIN	4 390	3 850	3 570	3 480	3 510	18 100	11 600	10 600	8 510	5 030	3 600	3 700	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8 740
MAXIMUM DAILY, 27 000B ON MAY 26
MINIMUM DAILY, 3 480B ON APR 27

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT. 67 37 30 N
LONG 133 44 41 W
DRAINAGE AREA, 1 880 000 km²

B - ICE CONDITIONS

REGULATED SINCE 1988

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	13 400 000	JUL	37 200 000
FEB	8 880 000	AUG	30 300 000
MAR	9 870 000	SEP	24 700 000
APR	9 050 000	OCT	21 400 000
MAY	43 300 000	NOV	9 750 000
JUN	56 700 000	DEC	11 400 000

TOTAL DISCHARGE, 276 000 000 dam³

REMARKS - STATION PREVIOUSLY LOCATED AT 10LA003. STATION RELOCATED IN 1988

NORTHWEST TERRITORIES

MACKENZIE RIVER AT FORT GOOD HOPE - STATION NO. 10LD001

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	4.443	3.138E	2.488	1.828	---	---	1
2	---	---	---	---	---	---	4.376	3.181A	2.410	1.858	---	---	2
3	---	---	---	---	---	---	4.344	3.048	2.367	1.878	---	---	3
4	---	---	---	---	---	---	4.376	3.015	2.352	1.868	---	---	4
5	---	---	---	---	---	---	4.423	2.987	2.238	1.718	---	---	5
6	---	---	---	---	---	---	4.418	2.934	2.188	1.787	---	---	6
7	---	---	---	---	---	---	4.382	2.833	2.118	1.718	---	---	7
8	---	---	---	---	---	---	4.308	2.838	2.080	1.852	---	---	8
9	---	---	---	---	---	5.832A	4.080	2.823	2.087	1.888	---	---	9
10	---	---	---	---	---	5.877	3.978	2.800	2.038	1.871	---	---	10
11	---	---	---	---	---	5.845	3.904	2.884	1.882	1.837	---	---	11
12	---	---	---	---	---	5.787	3.846	2.838	1.871	1.808	---	---	12
13	---	---	---	---	---	5.697	3.833	2.787	1.884	1.488	---	---	13
14	---	---	---	---	---	5.638	3.808	2.721	1.847	---	---	---	14
15	---	---	---	---	---	5.671	3.770	2.881	1.880	---	---	---	15
16	---	---	---	---	---	5.882	3.710	2.878	1.877	---	---	---	16
17	---	---	---	---	---	6.071	3.640	2.882	2.031	---	---	---	17
18	---	---	---	---	---	7.353	3.655	2.702	1.882	---	---	---	18
19	---	---	---	---	---	8.084	3.515	2.618	1.851	---	---	---	19
20	---	---	---	---	---	8.484	3.488	2.843	1.888	---	---	---	20
21	---	---	---	---	---	8.238	3.408	2.887	1.844	---	---	---	21
22	---	---	---	---	---	8.080	3.330	2.908	1.812	---	---	---	22
23	---	---	---	---	---	8.801	3.283A	2.818	1.880	---	---	---	23
24	---	---	---	---	---	8.807	3.208E	2.882	1.705	---	---	---	24
25	---	---	---	---	---	8.248	3.187E	2.841	1.888	---	---	---	25
26	---	---	---	---	---	8.007	3.124E	2.821	1.828	---	---	---	26
27	---	---	---	---	---	4.872	3.118E	2.788	1.814	---	---	---	27
28	---	---	---	---	---	4.814	3.117E	2.743	1.812	---	---	---	28
29	---		---	---	---	4.718	3.124E	2.841	1.813	---	---	---	29
30	---		---	---	---	4.881	3.134E	2.813	1.812	---	---	---	30
31	---		---		---		3.134E	2.832		---		---	31
MEAN	---	---	---	---	---	---	3.714	2.850	1.988	---	---	---	MEAN
MAX	---	---	---	---	---	---	4.443	3.181	2.488	---	---	---	MAX
MIN	---	---	---	---	---	---	3.118	2.832	1.812	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 66 15 15 N
LONG 128 38 00 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1986

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 17.848 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1981 ADJ.)

MACKENZIE RIVER AT FORT SIMPSON - STATION NO. 10EC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3 500E	3 050E	2 710E	2 480E	7 110E	13 200	12 600	8 780	8 570	7 770	5 980E	4 080E	1
2	3 480E	3 030E	2 700E	2 480E	8 100E	13 500	12 400	8 700	8 480	7 740	5 360E	4 050E	2
3	3 480E	3 020E	2 690E	2 480E	9 000E	13 800	12 000	8 680	8 380	7 710	5 070E	4 010E	3
4	3 480E	3 010E	2 670E	2 480E	10 100E	14 200	11 700	8 630	8 280	7 680	4 810E	3 980E	4
5	3 420E	3 000E	2 980E	2 480E	11 200E	14 400	11 800	8 600	8 300	7 490	4 780E	4 030E	5
6	3 410E	2 980E	2 980E	2 480E	12 000E	14 400	11 880	8 930	8 150	7 490	4 410E	4 010E	6
7	3 400E	2 940E	2 940E	2 480E	12 700E	14 400	11 500	8 470	8 070	7 440	4 080E	3 940E	7
8	3 390E	2 870E	2 830E	2 480E	13 000E	14 600	11 600	8 400	7 290	7 430	3 870E	3 880E	8
9	3 380E	2 850E	2 820E	2 480E	14 000E	14 600	11 500	8 340	7 810	7 410	3 880E	3 880E	9
10	3 380E	2 850E	2 810E	2 500E	14 000E	14 900	11 300	8 290	7 940	7 440	3 400E	3 700E	10
11	3 380E	2 930E	2 810E	2 510E	14 000E	14 800	11 280	8 280	8 040	7 480	3 100E	3 840E	11
12	3 330E	2 910E	2 810E	2 520E	14 200E	14 500	11 100	8 300	8 020	7 470	2 870E	3 810E	12
13	3 310E	2 900E	2 800E	2 540E	14 100E	14 300	11 100	8 300	8 000	7 470	2 320E	3 820E	13
14	3 300E	2 890E	2 800E	2 580E	14 300E	14 300	10 800	8 280	8 000	7 430	2 270E	3 870E	14
15	3 290E	2 880E	2 800E	2 600E	14 000E	14 300	10 800	10 100	7 840	7 480	2 100E	3 820E	15
16	3 280E	3 870E	2 880E	2 800E	14 000E	14 700	10 800	10 300	7 820	7 480	2 080E	3 880E	16
17	3 270E	3 880E	2 880E	2 820E	13 900E	15 300	10 700	10 100	7 760	7 410	2 120E	3 830E	17
18	3 280E	2 880E	2 880E	2 850E	14 000E	15 100	10 500	9 810	7 720	7 320	2 280E	3 840E	18
19	3 230E	2 840E	2 880E	2 700E	14 000E	14 800	10 400	9 690	7 710	7 140	2 400E	3 850E	19
20	3 210E	3 830E	3 870E	3 780E	14 200E	14 000	10 200	9 820	7 880	6 980	2 800E	3 880E	20
21	3 200E	2 810E	2 880E	2 790E	13 900E	13 880	10 100	9 840	7 810	6 810	2 850E	3 840E	21
22	3 180E	2 800E	2 880E	2 840E	13 800E	13 000	10 100	9 820	7 830	6 880	3 230E	3 880E	22
23	3 180E	2 790E	2 840E	2 900E	13 600E	12 800	10 100	9 810	7 870	6 840	3 480E	3 870E	23
24	3 180E	2 780E	2 830E	3 100E	13 500E	12 800	10 200	9 470	7 480	6 850	3 850E	3 870E	24
25	3 180E	2 770E	3 820E	3 400E	13 500E	13 000	10 300	9 370	7 480	6 880	3 880E	3 840E	25
26	3 130E	2 780E	3 820E	3 860E	13 300E	12 800	10 300	9 280	7 800	7 030	3 780E	3 800E	26
27	3 110E	2 750E	3 810E	4 210E	13 200	12 400	10 300	9 100	7 880	7 040	4 010E	3 880E	27
28	3 100E	2 730E	3 810E	4 840E	13 100	12 400	10 300	8 980	7 880	6 880	4 010E	3 880E	28
29	3 080E		2 800E	5 840E	13 100	12 400	10 300	8 880	7 780	6 810	4 020E	3 840E	29
30	3 070E		2 800E	6 870E	13 000	12 800	10 100	8 810	7 800	6 480	4 080E	3 830E	30
31	3 080E		2 800E		13 000		9 900	8 690		6 280E		3 830E	31
TOTAL	101 810	80 910	89 250	91 380	401 510	414 700	337 400	293 480	238 900	224 040	108 280	114 840	TOTAL
MEAN	3 270	2 880	2 880	3 040	13 000	13 800	10 900	9 470	7 880	7 230	3 840	3 700	MEAN
MAX	3 500	3 050	3 710	6 870	14 800	15 300	12 800	10 300	8 570	7 770	5 980	4 080	MAX
MIN	3 080	2 730	2 800	2 480	7 110	12 400	9 900	8 690	7 480	6 280	2 080	3 810	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6 800
MAXIMUM DAILY, 15 300 ON JUN 17
MINIMUM DAILY, 2 080E ON NOV 16
MAXIMUM INSTANTANEOUS,
15 300 AT 14:24 MST ON JUN 17

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 52 07 N
LONG 121 21 25 W
DRAINAGE AREA, 1 270 000 km²

B - ICE CONDITIONS

REGULATED SINCE 1986

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	8 770 000	JUL	28 200 000
FEB	6 930 000	AUG	25 400 000
MAR	6 930 000	SEP	20 400 000
APR	7 880 000	OCT	19 400 000
MAY	34 700 000	NOV	9 180 000
JUN	35 800 000	DEC	9 920 000

TOTAL DISCHARGE, 215 000 000 dam³

MACKENZIE RIVER AT NORMAN WELLS - STATION NO. 10KA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4 500B	3 970B	3 530B	3 300B	3 840B	18 000	14 500	11 700	10 300	8 580	4 880B	3 520B	1
2	4 530B	3 840B	3 540B	3 300B	4 340B	18 500	14 400	11 800	10 000	8 840	4 210B	3 600B	2
3	4 580B	3 910B	3 530B	3 310B	4 800B	18 600	14 800	11 400	9 920	8 710	4 000B	3 740B	3
4	4 570B	3 900B	3 520B	3 310B	5 100B	18 500	14 600	11 300	9 630	8 750	3 810B	3 880B	4
5	4 550B	3 870B	3 520B	3 310B	5 650B	18 500	14 900	11 200	9 700	8 780	3 700B	4 120B	5
6	4 530B	3 850B	3 510B	3 230B	6 500B	17 200	14 800	11 200	9 580	8 780	3 600B	4 400B	6
7	4 510B	3 820B	3 510B	3 220B	7 300B	18 300	14 200	11 100	9 520	8 750	3 530B	4 540B	7
8	4 500B	3 810B	3 470B	3 220B	8 800B	18 700	13 800	11 100	9 460	8 680	3 470B	4 650B	8
9	4 480B	3 780B	3 440B	3 220B	10 800B	18 900	13 800	11 100	9 400	8 600	3 430B	4 720B	9
10	4 470B	3 780B	3 410B	3 220B	13 800B	18 800	13 500	11 000	9 380	8 510	3 400B	4 780B	10
11	4 450B	3 730B	3 410B	3 320B	18 800B	18 500	13 400	10 900	9 350	8 430	3 370B	4 800B	11
12	4 440B	3 710B	3 410B	3 330B	20 000B	18 400	13 300	10 800	9 200	8 370	3 340B	4 820B	12
13	4 420B	3 690B	3 400B	3 330B	21 500B	18 300	13 200	10 700	9 150	8 330	3 320B	4 820B	13
14	4 380B	3 670B	3 410B	3 340B	22 300B	18 200	13 100	10 700	9 180	8 280	3 310B	4 810B	14
15	4 350B	3 650B	3 410B	3 340B	22 800B	18 100	13 000	10 700	9 180	8 230	3 300B	4 810B	15
16	4 330B	3 620B	3 400B	3 340B	23 200B	21 800	12 800	10 800	9 180	8 170	3 310B	4 800B	16
17	4 330B	3 600B	3 400B	3 350B	23 400B	23 200	12 700	10 800	9 170	8 130	3 330B	4 790B	17
18	4 310B	3 590B	3 380B	3 350B	23 600B	21 000	12 800	11 100	9 050	8 140	3 360B	4 780B	18
19	4 280B	3 570B	3 370B	3 360B	23 900B	18 800	12 400	11 300	9 030	8 100	3 400B	4 770B	19
20	4 280B	3 560B	3 350B	3 390B	23 600B	18 400	12 200	11 300	8 940	8 070	3 430B	4 760B	20
21	4 260B	3 550B	3 330B	3 360B	23 600B	18 800	12 100	11 100	8 780	8 080	3 440B	4 740B	21
22	4 250B	3 550B	3 330B	3 360B	22 300B	18 200	12 000	11 100	8 850	7 990	3 450B	4 720B	22
23	4 210B	3 550B	3 320B	3 350B	21 300	17 400	11 800	11 000	8 740	7 900	3 480B	4 700B	23
24	4 190B	3 540B	3 310B	3 350B	19 500	16 600	11 700	11 000	8 630	7 820	3 500B	4 690B	24
25	4 170B	3 540B	3 300B	3 350B	18 400	16 000	11 700	11 000	8 580	7 620B	3 580B	4 680B	25
26	4 150B	3 550B	3 290B	3 380B	17 300	15 500	11 800	10 900	8 570	7 310B	3 600B	4 660B	26
27	4 130B	3 550B	3 280B	3 410B	16 500	15 500	11 800	10 800	8 540	7 000B	3 620B	4 650B	27
28	4 100B	3 530B	3 280B	3 470B	16 100	15 400	11 700	10 800	8 590	6 640B	3 550B	4 640B	28
29	4 070B		3 290B	3 590B	15 700	15 100	11 800	10 700	8 550	6 180B	3 510B	4 620B	29
30	4 040B		3 290B	3 660B	15 400	14 700	11 700	10 500	8 540	5 700B	3 500B	4 610B	30
31	4 010B		3 300B		15 400		11 800	10 400		5 320B		4 600B	31
TOTAL	134 400	103 370	105 280	100 670	492 930	534 000	401 000	340 900	274 710	246 450	106 500	141 300	TOTAL
MEAN	4 340	3 690	3 400	3 360	15 900	17 800	12 900	11 000	9 160	7 950	3 550	4 560	MEAN
MAX	4 570	3 970	3 540	3 660	23 900	23 200	14 900	11 700	10 300	8 780	4 880	4 820	MAX
MIN	4 010	3 530	3 280	3 300	3 840	14 700	11 700	10 400	8 540	5 320	3 300	3 520	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8 170
MAXIMUM DAILY, 23 900B ON MAY 19
MINIMUM DAILY, 3 280B ON MAR 28

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 65 16 21 N
LONG 126 53 00 W
DRAINAGE AREA, 1 570 000 km²

B - ICE CONDITIONS

REGULATED SINCE 1968

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	11 600 000	JUL	34 600 000
FEB	8 930 000	AUG	29 500 000
MAR	9 100 000	SEP	23 700 000
APR	8 700 000	OCT	21 300 000
MAY	42 600 000	NOV	9 200 000
JUN	46 100 000	DEC	12 200 000

TOTAL DISCHARGE, 258 000 000 dam³

MACKENZIE RIVER AT SANS SAULT RAPIDS - STATION NO. 10KD001

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	5.577	4.822	4.355	3.868	5.384	---	1
2	---	---	---	---	---	---	5.544	4.800	4.323	3.907	5.578	---	2
3	---	---	---	---	---	---	5.541	4.738	4.294	3.923	5.610	---	3
4	---	---	---	---	---	---	5.585	4.698	4.254	3.940	5.888	---	4
5	---	---	---	---	---	---	5.603	4.678	4.223	3.944	5.983	---	5
6	---	---	---	---	---	---	5.595	4.668	4.180	3.942	5.908	---	6
7	---	---	---	---	---	---	5.511	4.665	4.152	3.939	5.858	---	7
8	---	---	---	---	---	---	5.418	4.642	4.147	3.902	5.588	---	8
9	---	---	---	---	---	6.636A	5.355	4.643	4.117	3.881	5.338	---	9
10	---	---	---	---	---	6.627	5.304	4.623	4.082	3.887	5.288	---	10
11	---	---	---	---	---	6.588	5.287	4.569	4.087	3.851	5.305	---	11
12	---	---	---	---	---	6.504	5.245	4.557	4.082	3.846	5.300	---	12
13	---	---	---	---	---	6.484	5.249	4.523	4.045	3.843	5.173	---	13
14	---	---	---	---	---	6.437	5.223	4.484	4.045	3.835	4.987	---	14
15	---	---	---	---	---	6.471	5.194	4.489	4.064	3.808	4.783	---	15
16	---	---	---	---	---	6.932	5.142	4.487	4.084	3.783	---	---	16
17	---	---	---	---	---	7.807	5.088	4.488	4.082	3.795	---	---	17
18	---	---	---	---	---	7.446	5.048	4.550	4.033	3.773	---	---	18
19	---	---	---	---	---	7.037	5.035	4.548	3.996	3.805	---	---	19
20	---	---	---	---	---	6.834	4.990	4.597	4.004	3.780	---	---	20
21	---	---	---	---	---	6.727	4.957	4.578	3.986	3.771	---	---	21
22	---	---	---	---	---	6.570	4.905	4.580	3.932	3.738	---	---	22
23	---	---	---	---	---	6.373	4.874	4.584	3.881	3.740	---	---	23
24	---	---	---	---	---	6.181	4.853	4.612	3.919	3.797	---	---	24
25	---	---	---	---	---	6.022	4.824	4.594	3.883	3.780	---	---	25
26	---	---	---	---	---	5.906	4.809	4.581	3.864	3.857	---	---	26
27	---	---	---	---	---	5.888	4.794	4.558	3.888	4.038	---	---	27
28	---	---	---	---	---	5.828	4.801	4.519	3.873	4.393	---	---	28
29	---		---	---	---	5.743	4.827	4.482	3.874	4.864	---	---	29
30	---		---	---	---	5.684	4.807	4.440	3.874	4.880	---	---	30
31	---		---		---		4.813	4.388		4.948		---	31
MEAN	---	---	---	---	---	---	5.164	4.601	4.052	3.954	---	---	MEAN
MAX	---	---	---	---	---	---	5.603	4.822	4.355	4.948	---	---	MAX
MIN	---	---	---	---	---	---	4.794	4.388	3.864	3.738	---	---	MIN

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 65 45 54 N
LONG 128 46 03 W

A - MANUAL GAUGE

REGULATED SINCE 1968

WATER LEVELS ARE REFERRED TO ASSUMED DATUM NO. 2
APPLY 23.403 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1981 ADJ.)

MACKENZIE RIVER IN THE RAMPARTS - STATION NO. 10XD003

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	5.400	3.883	3.330E	3.334	4.267	3.118	1
2	---	---	---	---	---	---	5.327	3.890	3.270E	3.382	4.263	3.180	2
3	---	---	---	---	---	---	5.308	3.818	3.230E	3.383	3.810	3.207	3
4	---	---	---	---	---	---	5.345	3.845	3.210E	3.388	3.624	3.270	4
5	---	---	---	---	---	---	5.388	3.781	3.180E	3.438	3.863	3.345	5
6	---	---	---	---	---	---	5.373	3.781	3.000E	3.421	3.727	3.414	6
7	---	---	---	---	---	---	5.284	3.784	2.970E	3.428	3.712	3.473	7
8	---	---	---	---	---	---	5.133	3.780	2.880E	3.348	3.638	3.528	8
9	---	---	---	---	---	5.838A	5.002	3.763	3.620E	3.308	3.387	3.564	9
10	---	---	---	---	---	5.894	4.898	3.738	3.700E	3.282	3.188	3.673	10
11	---	---	---	---	---	5.874	4.818	3.668	3.730E	3.233	3.067	3.677	11
12	---	---	---	---	---	5.788	4.784	3.683	3.720E	3.183	3.082	3.677	12
13	---	---	---	---	---	5.724	4.738	3.618	3.681A	3.178	3.031	3.677	13
14	---	---	---	---	---	5.650	4.706	3.648	3.684	3.188	2.988	3.678	14
15	---	---	---	---	---	5.731	4.685	3.602	3.688	3.147	3.702	3.678	15
16	---	---	---	---	---	7.084	4.588	3.608	3.714	3.102	3.608	3.688	16
17	---	---	---	---	---	6.088	4.503	3.681	3.782	3.080	3.380	3.633	17
18	---	---	---	---	---	6.341	4.424	3.662	3.708	3.082	3.363	3.480	18
19	---	---	---	---	---	7.888	4.381	3.677	3.814	3.088	3.412	3.458	19
20	---	---	---	---	---	7.802	4.327	3.808	3.820	3.078	3.884	3.438	20
21	---	---	---	---	---	7.378	4.263	3.617	3.677	3.032	3.707	3.414	21
22	---	---	---	---	---	7.088	4.172	3.700E	3.632	1.883	3.883	3.386	22
23	---	---	---	---	---	6.818	4.114	3.740E	3.386	1.884	3.863	3.381	23
24	---	---	---	---	---	6.618	4.068	3.700E	3.428	1.788	3.881	3.388	24
25	---	---	---	---	---	6.328	4.033	3.860E	3.400	1.888	3.888	3.384	25
26	---	---	---	---	---	5.886	3.883	3.820E	3.331	1.888	3.114	3.338	26
27	---	---	---	---	---	5.857	3.870	3.880E	3.318	1.882	3.126	3.328	27
28	---	---	---	---	---	5.811	3.884	3.820E	3.318	1.874	3.133	3.322	28
29	---	---	---	---	---	5.884	4.013	3.830E	3.321	2.048	3.138	3.332	29
30	---	---	---	---	---	5.892	3.883	3.480E	3.332	2.184	3.119	3.333	30
31	---		---	---	---		3.977	3.440E		3.276		3.324	31
MEAN	---	---	---	---	---	---	4.811	3.885	3.718	3.180	3.148	3.415	MEAN
MAX	---	---	---	---	---	---	5.400	3.883	3.330	3.378	4.263	3.678	MAX
MIN	---	---	---	---	---	---	3.884	3.440	3.318	1.788	2.383	3.118	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 11 35 N
LONG 126 54 04 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1988

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

MACKENZIE RIVER NEAR FORT PROVIDENCE - STATION NO. 10FB001

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	3.477	3.288	3.071	3.887	---	---	1
2	---	---	---	---	---	7.234	3.488	3.286	3.078	3.817	---	---	2
3	---	---	---	---	---	3.344	3.488	3.283	3.078	3.807	---	---	3
4	---	---	---	---	---	3.481	3.433	3.287	3.086	3.888	---	---	4
5	---	---	---	---	---	3.813	3.436	3.284	3.090	3.881	---	---	5
6	---	---	---	---	---	3.517	3.408	3.267	3.044	3.878	---	---	6
7	---	---	---	---	---	3.488	3.405	3.231	3.071	3.888	---	---	7
8	---	---	---	---	---	3.828	3.376	3.218	3.038	2.884	---	---	8
9	---	---	---	---	---	3.881	3.410	3.208	3.104	2.857	---	---	9
10	---	---	---	---	---	3.883	3.388	3.208	3.088	3.888	---	---	10
11	---	---	---	---	---	3.880	3.378	3.180	3.027	2.814	---	---	11
12	---	---	---	---	---	3.888	3.388	3.188	3.088	2.826	---	---	12
13	---	---	---	---	---	3.674	3.383	3.188	3.038	2.840	---	---	13
14	---	---	---	---	---	3.878	3.388	3.178	3.047	2.884	---	---	14
15	---	---	---	---	---	3.841	3.388	3.140	3.043	2.848	---	---	15
16	---	---	---	---	---	3.483	3.388	3.180	3.043	2.800	---	---	16
17	---	---	---	---	---	3.840	3.388	3.188	3.084	2.888	---	---	17
18	---	---	---	---	---	3.848	3.310	3.188	3.083	2.887	---	---	18
19	---	---	---	---	---	3.848	3.393	3.183	3.088	2.885	---	---	19
20	---	---	---	---	---	3.838	3.333	3.241	3.088	2.913	---	---	20
21	---	---	---	---	---	3.818	3.378	3.333	3.031	2.888	---	---	21
22	---	---	---	---	---	3.813	3.348	3.288	3.038	2.838	---	---	22
23	---	---	---	---	---	3.818	3.324	3.213	3.088	2.883	---	---	23
24	---	---	---	---	---	3.837	3.388	3.142	3.078	2.810	---	---	24
25	---	---	---	---	---	3.851	3.378	3.084	3.008	2.883	---	---	25
26	---	---	---	---	---	3.883	3.383	3.080	3.002	2.888	---	---	26
27	---	---	---	---	---	3.838	3.388	3.147	2.844	2.888	---	---	27
28	---	---	---	---	---	3.820	3.381	3.140	2.878	2.830	---	---	28
29	---	---	---	---	---	3.488	3.338	3.138	2.888	2.817	---	---	29
30	---	---	---	---	---	3.487	3.288	3.078	2.888	2.822	---	---	30
31	---		---	---	---		3.282	3.087		2.788		---	31
MEAN	---	---	---	---	---	---	3.370	3.188	3.031	2.887	---	---	MEAN
MAX	---	---	---	---	---	---	3.477	3.333	3.104	2.888	---	---	MAX
MIN	---	---	---	---	---	---	3.238	3.087	2.844	2.848	---	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1988

MINIMUM DAILY, 2.848 ON OCT 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 15 04 N
LONG 117 28 48 W

REGULATED SINCE 1986

DRAINAGE AREA,
871 000 km²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 148.808 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1981 ADJ.)

NORTHWEST TERRITORIES

MACKENZIE RIVER NEAR WRIGLEY - STATION NO. 10HC001

DAILY WATER LEVEL IN METRES FOR 1969

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	8.314	7.188	8.561	8.882	---	---	1
2	---	---	---	---	---	---	8.407	7.087	8.483	8.886	---	---	2
3	---	---	---	---	---	---	8.388	7.040	8.418	8.908	---	---	3
4	---	---	---	---	---	---	8.358	7.011	8.384	8.907	---	---	4
5	---	---	---	---	---	---	8.349	7.000	8.368	8.888	---	---	5
6	---	---	---	---	---	---	8.128	7.002	8.388	8.921	---	---	6
7	---	---	---	---	---	---	8.007	7.028	8.330	8.888	---	---	7
8	---	---	---	---	---	---	7.958	6.967	8.303	8.875	---	---	8
9	---	---	---	---	---	---	7.908	6.935	8.183	8.888	---	---	9
10	---	---	---	---	---	---	7.883	6.889	8.110	8.888	---	---	10
11	---	---	---	---	---	---	7.880	6.889	8.111	8.898	---	---	11
12	---	---	---	---	---	---	7.784	6.862	8.127	8.874	---	---	12
13	---	---	---	---	---	---	7.733	6.828	8.187	8.888	---	---	13
14	---	---	---	---	---	---	7.712	6.833	8.188	8.881	---	---	14
15	---	---	---	---	---	---	7.972	6.868	8.185	8.891	---	---	15
16	---	---	---	---	---	---	7.810	6.892	8.132	8.872	---	---	16
17	---	---	---	---	---	---	7.884	7.188	8.118	8.843A	---	---	17
18	---	---	---	---	---	---	7.803	7.228	8.088	---	---	---	18
19	---	---	---	---	---	---	7.481	7.138	8.078	---	---	---	19
20	---	---	---	---	---	---	7.388	7.024	8.038	---	---	---	20
21	---	---	---	---	---	---	7.332	6.988	8.003	---	---	---	21
22	---	---	---	---	---	---	7.271	6.947	8.062	---	---	---	22
23	---	---	---	---	---	8.778A	7.248	6.938	8.047	---	---	---	23
24	---	---	---	---	---	8.588	7.238	6.935	8.030	---	---	---	24
25	---	---	---	---	---	8.488	7.244	6.921	8.004	---	---	---	25
26	---	---	---	---	---	8.438	7.288	8.882	8.880	---	---	---	26
27	---	---	---	---	---	8.428	7.284	7.817	8.858	---	---	---	27
28	---	---	---	---	---	8.388	7.288	6.740	8.888	---	---	---	28
29	---	---	---	---	---	8.338	7.292	6.888	8.892	---	---	---	29
30	---	---	---	---	---	8.288	7.283	6.818	8.848	---	---	---	30
31	---		---	---	---		7.243	6.894		---	---	---	31
MEAN	---	---	---	---	---	---	7.873	6.934	8.112	---	---	---	MEAN
MAX	---	---	---	---	---	---	8.407	7.228	8.841	---	---	---	MAX
MIN	---	---	---	---	---	---	7.238	6.894	8.868	---	---	---	MIN

SUMMARY FOR THE YEAR 1969

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 15 50 N
LONG 123 36 50 W

A - MANUAL GAUGE

REGULATED SINCE 1968

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 82.917 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1961 ADJ.)

MARJORIE LAKE AT OUTLET - STATION NO. 08KC003

DAILY WATER LEVEL IN METRES FOR 1969

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	14.038	---	---	---	---	13.898E	14.330	14.035	13.898	13.928	14.003E	13.888E	1
2	14.020	---	---	---	---	13.884E	14.318	14.024	13.887	13.928	13.978E	13.878E	2
3	13.985	---	---	---	---	13.887E	14.282	14.018	13.902	13.937	13.883E	13.878E	3
4	13.945	---	---	---	13.748A	13.700E	14.304	14.011	13.908	13.944	13.937E	13.882E	4
5	13.972	---	---	---	---	13.702E	14.291	14.010	13.898	13.908	13.943E	14.004E	5
6	13.982	---	---	---	---	13.704E	14.281	14.002	13.898	13.985	13.940E	14.046E	6
7	13.983	---	---	---	---	13.707E	14.268	13.988	13.900	13.980A	13.958E	14.077E	7
8	13.989	---	---	---	---	13.710E	14.248	13.988	13.883	13.976E	13.984E	14.129E	8
9	13.987	---	---	---	---	13.714E	14.239	13.983	13.891	13.981E	13.980E	14.123E	9
10	13.987	---	---	---	---	13.723E	14.226	13.977	13.897	13.949E	13.949E	14.123E	10
11	13.988	---	---	---	---	13.787E	14.212	13.976	13.908	13.941E	13.950E	14.097E	11
12	14.035	---	---	---	---	13.808E	14.200	13.967	13.914	13.928E	13.988E	14.035E	12
13	14.012	---	---	---	---	13.844E	14.178	13.958	13.904	13.918E	14.008E	14.000E	13
14	13.938	---	---	---	---	13.883E	14.180	13.970	13.918	13.918E	13.988E	13.952E	14
15	14.003	---	---	---	---	13.922E	14.168	13.970	13.916	13.918E	14.005E	13.918E	15
16	14.038	---	---	---	---	13.981E	14.138	13.982	13.912	13.913E	13.988E	13.903E	16
17	14.044	---	---	---	---	13.998E	14.114	13.961	13.907	13.911E	13.963E	13.886E	17
18	14.048	---	---	---	---	14.038E	14.084	13.934	13.898	13.928E	13.958E	14.023E	18
19	14.038	---	---	---	---	14.078E	14.068	13.937	13.922	13.921E	13.938E	14.048E	19
20	14.032A	---	---	---	---	14.118E	14.052	13.944	13.893	13.924E	13.910E	14.098E	20
21	14.017E	---	---	---	---	14.184A	14.068	13.926	13.903	13.928E	13.898E	14.044E	21
22	14.008E	---	---	---	---	14.215	14.088A	13.926	13.924	13.928E	13.904E	14.030E	22
23	14.002E	---	---	---	---	14.248	14.088E	13.931	13.904	13.924E	13.908E	14.032E	23
24	13.998E	---	---	---	---	14.278	14.084E	13.933	13.932	13.918E	13.898E	14.034E	24
25	13.988E	---	---	---	---	14.280	14.081A	13.928	13.923	13.913E	14.021E	14.018E	25
26	13.983E	---	---	---	---	14.305	14.085	13.917	13.958	13.931E	14.032E	14.008E	26
27	13.978E	---	---	---	---	14.328	14.042	13.906	13.934	13.924E	14.004E	14.003E	27
28	13.971E	---	---	---	---	14.321	14.038	13.897	13.894	13.932E	14.047E	13.987E	28
29	13.966A		---	---	---	14.317	14.042	13.885	13.908	13.938E	13.998E	13.983E	29
30	13.961E		---	---	---	14.318	14.045	13.884	13.912	13.938E	13.961E	13.967E	30
31	13.957E		---		---		14.038	13.883		13.984E		13.984E	31
MEAN	13.994	---	---	---	---	13.976	14.152	13.957	13.911	13.928	13.987	14.017	MEAN
MAX	14.045	---	---	---	---	14.328	14.330	14.035	13.934	13.980	14.088	14.129	MAX
MIN	13.938	---	---	---	---	13.890	14.038	13.883	13.891	13.836	13.987	13.903	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 14.328 ON JUN 27

MAXIMUM INSTANTANEOUS,
14.344 AT 01:06 CST ON JUN 27

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SUMMARY FOR THE YEAR 1969

TYPE OF GAUGE - RECORDING
LOCATION - LAT 66 13 53 N
LONG 89 26 37 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

NORTHWEST TERRITORIES

MARTEN RIVER ABOVE TROUT RIVER - STATION NO. 07QC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.618	2.828	3.008	1.808	1.34A	16.8 E	5.40E	3.03E	2.18	3.88	4.218	3.888	1
2	3.568	2.828	1.898	1.808	2.31A	15.8 E	5.24E	3.01E	2.13	3.88	4.188	3.888	2
3	3.568	2.488	1.888	1.898	3.47	14.8 E	5.18E	3.00E	2.14	3.88	4.178	3.738	3
4	3.538	2.488	1.878	1.838	5.05	14.1 E	5.00E	2.98A	2.22	3.74	4.178	3.808	4
5	3.888	2.548	1.868	1.798	6.36	13.4 E	4.84E	2.95E	2.27	3.82	4.188	3.798	5
6	3.848	2.528	1.868	1.748	8.11	12.8 E	4.70E	2.80E	2.38	3.78	4.148	3.788	6
7	3.538	2.878	1.848	1.708	11.2	12.2 E	4.68E	2.88E	2.78	3.77	4.128	3.788	7
8	3.358	2.888	1.838	1.678	14.4	11.8 E	4.62E	2.88E	3.04	3.77	4.118	3.708	8
9	3.328	2.888	1.828	1.678	17.0	11.2 E	4.38E	2.80E	3.11	3.77	4.088	3.588	9
10	3.308	2.888	1.918	1.678	18.7	10.6 E	4.24E	2.78E	3.10	3.77	4.088	3.478	10
11	3.248	2.888	1.908	1.708	19.4	10.2 E	4.18E	2.88E	3.11	3.77	4.078	3.408	11
12	3.178	2.738	1.898	1.708	21.1	9.80E	4.02E	2.83E	3.23	3.78	4.068	3.388	12
13	3.188	2.748	1.888	1.708	23.4	9.42E	3.92E	2.86E	3.31	3.80	4.008	3.388	13
14	3.188	2.188	1.878	1.708	23.8	9.18E	3.82E	2.93E	3.37	3.81	3.888	3.388	14
15	3.178	2.188	1.888	1.718	24.7	8.82E	3.60E	2.48E	3.43	3.81	3.888	3.408	15
16	3.128	-2.078	1.868	1.888	25.3	8.58E	3.61E	2.44E	3.44	3.80	3.988	3.388	16
17	2.888	1.948	1.848	1.848	25.8	8.20E	3.83E	2.38E	3.46	3.84	3.848	3.388	17
18	3.028	2.248	1.838	1.838	26.3	7.80E	3.80E	2.34E	3.50	3.84	3.688	3.388	18
19	3.018	2.458	1.828	1.888	26.8	7.63E	3.88E	2.30E	3.50	3.83	3.828	3.368	19
20	3.008	2.408	1.818	1.838	27.0	7.43E	3.88E	2.28E	3.50	3.88	3.818	3.328	20
21	2.888	2.328	1.808	1.838	27.8	7.20E	3.48E	2.30E	3.50	4.03	3.808	3.118	21
22	2.868	2.248	1.788	1.888	28.1	6.84E	3.40E	2.18E	3.37	4.08	3.788	3.008	22
23	2.928	2.188	1.788	1.878	27.9	6.70E	3.32E	2.18E	3.31	4.14	3.748	2.988	23
24	2.828	2.148	1.778	1.848	28.7	6.60E	3.22E	2.18E	3.48	4.188	3.778	2.888	24
25	2.798	2.108	1.778	1.888	28.3	6.38E	3.12E	2.17E	3.42	4.288	3.788	2.878	25
26	2.788	2.088	1.788	1.888	24.0	6.18E	3.08E	2.18E	3.34	4.278	3.748	2.888	26
27	2.828	2.088	1.788	1.888	22.8	6.10E	3.00E	2.20E	3.48	4.268	3.738	2.888	27
28	2.888	2.038	1.778	1.888	21.6	5.44E	2.98E	2.31E	3.86	4.248	3.738	2.848	28
29	2.818		1.788	1.838	20.6	5.70E	3.01E	2.22A	3.86	4.228	3.718	2.848	29
30	2.888		1.808	1.788	19.4	5.88E	3.03E	2.22	3.86	4.218	3.708	2.838	30
31	2.762		1.888		17.7 A		3.03E	2.21		4.218		2.928	31
TOTAL	97.83	68.80	57.78	50.23	592.84	383.83	121.03	77.84	84.03	121.88	118.38	103.38	TOTAL
MEAN	3.16	2.38	1.88	1.67	19.1	9.46	3.80	2.51	3.13	3.83	3.85	3.33	MEAN
MAX	3.88	2.74	2.00	1.90	28.1	16.8	5.40	3.03	3.86	4.27	4.21	3.80	MAX
MIN	2.76	1.84	1.76	1.83		5.88	2.98	2.18	2.13	3.88	3.78	2.82	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.88
MAXIMUM DAILY, 28.1 ON MAY 22
MINIMUM DAILY, 1.838 ON APR 30
MAXIMUM INSTANTANEOUS
28.4 AT 14:18 MST ON MAY 22

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 28 14 N
LONG 109 58 43 W
DRAINAGE AREA, 730 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	6 480	JUL	10 800
FEB	5 750	AUG	6 720
MAR	4 980	SEP	6 120
APR	4 340	OCT	10 600
MAY	51 200	NOV	10 200
JUN	24 800	DEC	8 930

TOTAL DISCHARGE, 184 000 dam³

MARTIN RIVER AT HIGHWAY NO. 1 - STATION NO. 10SC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.6308	0.5308	0.5548	0.2438	48.08	18.2	10.7	2.32	3.28	1.30	0.8418	0.5448	1
2	0.6328	0.4888	0.5688	0.2208	53.08	17.3	9.87	1.88	2.01	1.88	0.8388	0.5028	2
3	0.6358	0.4388	0.5488	0.2158	52.4	16.7	9.10E	1.67	1.77	1.59	0.8398	0.5028	3
4	0.6368	0.4248	0.5408	0.2028	75.8	16.0	8.80E	1.60	1.60	1.88	0.8408	0.5078	4
5	0.6358	0.4338	0.5518	0.1908	88.1	15.1	7.80E	2.00	1.58	1.88	0.8508	0.5088	5
6	0.6338	0.4328	0.5518	0.1788	80.8	16.3	7.40E	2.08	1.38	1.48	0.8408	0.5088	6
7	0.6328	0.4418	0.5438	0.1718	88.1	23.8	8.80E	1.88	1.32	1.43	0.8388	0.5118	7
8	0.6348	0.4248	0.5348	0.1648	48.1	30.4	8.40E	1.81	1.31	1.42	0.8208	0.5148	8
9	0.6358	0.4218	0.5488	0.1608	48.5	30.1	8.80E	1.42	1.18	1.38	0.8008	0.4808	9
10	0.6348	0.4218	0.5068	0.1638	83.0	28.7	8.82A	1.27	1.08	1.38	0.8808	0.4808	10
11	0.6348	0.4308	0.5048	0.1788	80.5	28.5	4.81	1.18	1.03	1.37	0.8208	0.4488	11
12	0.6348	0.4428	0.5188	0.2448	44.5	24.7	4.29	1.08	1.01	1.38	0.7808	0.4488	12
13	0.6348	0.4518	0.5388	0.2228	48.2	21.8	3.80	0.978	0.886	1.40 B	0.7808	0.4488	13
14	0.6338	0.4418	0.5688	0.2048	81.3	18.1	3.47	0.978	1.00	1.42 B	0.7008	0.4488	14
15	0.6328	0.4388	0.5348	1.40 B	88.8	23.8	3.12	0.928	0.816	1.48 B	0.6838	0.4488	15
16	0.6338	0.4208	0.5118	1.00 B	88.8	28.1	2.84	0.933	0.628	1.43 B	0.8038	0.4488	16
17	0.6328	0.4218	0.5848	1.80 B	78.5	28.8	2.78	0.880	0.230	1.37 B	0.8948	0.4308	17
18	0.6328	0.4788	0.5508	1.40 B	84.8	28.8	2.48	0.873	0.804	1.31 B	0.8128	0.4118	18
19	0.6178	0.5188	0.5088	1.01 B	81.4	28.8	2.33	0.952	0.787	1.22 B	0.8488	0.3708	19
20	0.6308	0.5328	0.4988	0.8668	81.8	30.0	2.20	1.12	0.774	1.20 B	0.8888	0.3648	20
21	0.6288	0.5188	0.4328	0.7528	71.0	27.8	2.08	1.84	0.802	1.18 B	0.8708	0.3648	21
22	0.6328	0.5228	0.4188	0.8288	80.4	24.8	2.84	2.31	0.873	1.17 B	0.8848	0.3648	22
23	0.6408	0.5388	0.3988	0.8448	81.0	21.8	3.41	2.28	0.882	1.11 B	0.8828	0.3728	23
24	0.6188	0.5468	0.3788	1.52 B	43.5	18.8	3.80	2.52	0.882	1.03 B	0.8878	0.3748	24
25	0.5988	0.5808	0.3588	3.48 B	37.5	16.8	3.58	3.83	0.992	1.04 B	0.8878	0.3728	25
26	0.6188	0.5808	0.3298	4.23 B	32.8	14.5	3.12	3.63	0.880	1.00 B	0.8448	0.3728	26
27	0.6218	0.5728	0.3888	5.25 B	26.8	12.7	2.78	3.32	0.848	0.9808	0.8988	0.3768	27
28	0.6038	0.8528	0.3648	10.8 B	25.1	11.8	2.73	2.88	1.03	0.9508	0.8978	0.3768	28
29	0.6088		0.3418	18.0 B	22.8	11.1	2.80	2.88	1.02	0.9068	0.8888	0.3768	29
30	0.6868		0.2718	28.0 B	20.7	11.0	2.88	2.72	1.04	0.9388	0.8848	0.3768	30
31	0.6388		0.2588		18.4		2.42	2.48		0.9788		0.3788	31
TOTAL	19.368	13.380	15.117	84.883	1 722.5	548.3	142.25	86.388	34.078	39.518	32.488	13.488	TOTAL
MEAN	0.624	0.477	0.488	2.83	55.8	21.8	4.59	1.88	1.14	1.27	0.748	0.432	MEAN
MAX	0.840	0.580	0.648	28.0	84.8	30.4	10.7	3.83	3.28	1.80	0.880	0.544	MAX
MIN	0.538	0.420	0.258	0.180	18.4	11.0	2.08	0.928	0.787	0.808	0.804	0.388	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.71
MAXIMUM DAILY, 84.8 ON MAY 18
MINIMUM DAILY, 0.1808 ON APR 8

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 53 50 N
LONG 121 36 27 W
DRAINAGE AREA, 3 050 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 670	JUL	12 300
FEB	1 150	AUG	5 040
MAR	1 310	SEP	2 840
APR	7 340	OCT	3 410
MAY	148 000	NOV	1 940
JUN	58 000	DEC	1 160

TOTAL DISCHARGE, 243 000 dam³

REMARKS - FORMERLY PUBLISHED AS "NEAR THE MOUTH"

MOUNTAIN RIVER BELOW CAMBRIAN CREEK - STATION NO. 10KC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY		JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	23.78	18.08	15.38	14.78	170	B	880	324	157	140	88.8	37.88	25.08	1
2	23.68	17.88	15.38	14.78	182	B	713	237	158	137	86.1	37.08	24.78	2
3	23.38	17.78	15.28	14.78	188		826	208	158	133	88.9	36.48	24.58	3
4	23.08	17.88	15.18	14.88	140		834	185	156	130	80.3	35.88	24.38	4
5	22.88	17.48	15.18	14.88	187		812	172	177	132	85.9	35.28	24.08	5
6	22.68	17.38	15.08	14.88	231		588	177	167	131	83.1	34.68	23.78	6
7	22.48	17.28	15.08	14.88	200		416	178	163	142	81.2	34.08	23.58	7
8	22.28	17.18	15.08	14.88	180		502	190	188	148	78.1	33.48	23.38	8
9	22.08	17.08	14.98	14.88	188		518	190	172	141	76.8	32.98	23.08	9
10	21.88	16.98	14.88	14.88	148		438	187	181	137	76.2	32.48	22.88	10
11	21.88	16.88	14.88	14.98	130		443	188	188	138	72.8	33.08	22.88	11
12	21.48	16.78	14.88	14.98	98.8		443	241	151	143	88.4	31.88	22.48	12
13	21.28	16.68	14.88	14.98	83.1		418	213	150	149	63.0	31.18	22.18	13
14	21.08	16.58	14.88	14.88	78.1		878	187	157	184	87.1	30.78	21.88	14
15	20.68	16.48	14.78	15.08	85.0		1 180	191	173	152	58.08	30.28	21.78	15
16	20.88	16.38	14.78	15.08	161		931	187	188	144	84.08	30.08	21.58	16
17	20.38	16.28	14.78	15.08	142		808	178	158	128	82.58	29.88	21.38	17
18	20.18	16.18	14.78	15.18	112		381	180	158	128	81.28	29.18	21.18	18
19	19.88	16.08	14.78	15.18	88.7		348	188	156	121	80.08	28.88	20.88	19
20	19.88	16.08	14.78	15.38	110		361	188	152	111	48.88	28.48	20.78	20
21	19.78	15.88	14.68	15.58	144		307	192	178	108	47.38	28.08	20.58	21
22	19.58	15.68	14.68	15.78	171		280	208	230	105	46.28	27.78	20.38	22
23	19.38	15.68	14.68	16.08	218		277	187	201	103	45.28	27.48	20.28	23
24	19.18	15.78	14.68	16.58	167		307	183	183	100	44.28	27.08	20.08	24
25	19.08	15.88	14.88	17.18	188		316	188	172	98.8	43.38	26.78	19.88	25
26	18.88	15.58	14.88	18.38	185		343	182	163	97.5	42.48	26.48	19.78	26
27	18.78	15.58	14.88	21.28	157		280	173	157	97.2	41.48	26.18	19.68	27
28	18.68	15.48	14.88	28.28	228		264	182	163	98.4	40.68	25.88	19.48	28
29	18.48		14.78	47.08	282		232	182	148	94.0	39.88	25.58	19.28	29
30	18.38		14.78	87.08	884		208	187	148	92.0	38.28	25.38	19.08	30
31	18.18		14.78		840			180	143		38.68		18.88	31
TOTAL	641.5	462.8	458.1	580.3	6 137.8		14 382	5 947	5 125	3 735.0	1 882.8	916.7	671.5	TOTAL
MEAN	20.7	16.5	14.8	19.3	198		478	192	165	125	80.7	30.6	21.7	MEAN
MAX	23.7	18.0	15.3	87.0	840		1 180	241	230	184	80.3	37.8	25.0	MAX
MIN	18.1	15.4	14.8	14.7	78.1		208	180	143	92.0	38.8	25.3	18.8	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 112
MAXIMUM DAILY, 1 180 ON JUN 15
MINIMUM DAILY, 14.68 ON MAR 21
MAXIMUM INSTANTANEOUS,
1 480 AT 23:15 MST ON JUN 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 65 13 36 N
LONG 126 34 00 W
DRAINAGE AREA, 11 100 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	85 400	JUL	614 000
FEB	40 000	AUG	443 000
MAR	38 700	SEP	323 000
APR	50 100	OCT	162 000
MAY	530 000	NOV	79 200
JUN	1 240 000	DEC	58 000

TOTAL DISCHARGE, 3 540 000 dam³

NONACHO LAKE NEAR SNOWDRIFT - STATION NO. 07QD002

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.285	6.177	6.088	6.000	5.925	6.261	6.403	6.350	6.301	6.313	6.278	6.336	1
2	6.285	6.178	6.088	5.992	5.928	6.287	6.387	6.367	6.301	6.307	6.271	6.240	2
3	6.282	6.177	6.083	5.988	5.930	6.305	6.392	6.382	6.304	6.312	6.271	6.248	3
4	6.290	6.175	6.085	5.986	5.927	6.318	6.388	6.380	6.309	6.306	6.270	6.238	4
5	6.278	6.177	6.088	5.986	5.934	6.329	6.380	6.364	6.310	6.304	6.271	6.235	5
6	6.270	6.185	6.088	5.984	5.938	6.340	6.378	6.352	6.308	6.308	6.272	6.230	6
7	6.286	6.189	6.083	5.982	5.932	6.348	6.376	6.351	6.311	6.314	6.272	6.221	7
8	6.285	6.183	6.078	5.978	5.983	6.353	6.388	6.351	6.310	6.312	6.272	6.219	8
9	6.283	6.182	6.078	5.974	5.977	6.362	6.388	6.352	6.311	6.313	6.270	6.217	9
10	6.282	6.188	6.088	5.973	5.984	6.364	6.380	6.351	6.308	6.318	6.271	6.218	10
11	6.281	6.188	6.087	5.978	5.996	6.368	6.367	6.350	6.304	6.317	6.288	6.218	11
12	6.284	6.187	6.085	5.970	6.014	6.372	6.361	6.344	6.308	6.317	6.285	6.218	12
13	6.247	6.146	6.088	5.985	6.026	6.376	6.341	6.338	6.312	6.312	6.285	6.219	13
14	6.242	6.143	6.045	5.984	6.041	6.382	6.338	6.337	6.316	6.310	6.284	6.217	14
15	6.240	6.139	6.047	5.983	6.053	6.388	6.337	6.334	6.317	6.306	6.285	6.214	15
16	6.240	6.138	6.042	5.948	6.068	6.388	6.332	6.335	6.318	6.303	6.285	6.207	16
17	6.235	6.136	6.043	5.948	6.081	6.389	6.323	6.333	6.316	6.300	6.286	6.204	17
18	6.227	6.137	6.040	5.944	6.101	6.401	6.317	6.328	6.314	6.296	6.284	6.201E	18
19	6.226	6.137	6.036	5.944	6.116	6.407	6.307	6.320	6.307	6.296	6.285	6.198E	19
20	6.226	6.132	6.033	5.944	6.136	6.412	6.306	6.318	6.296	6.303	6.285	6.195E	20
21	6.221	6.127	6.030	5.943	6.151	6.404	6.312	6.315	6.297	6.304	6.284	6.192E	21
22	6.212	6.127	6.028	5.944	6.164	6.404	6.316	6.308	6.302	6.302	6.283	6.189E	22
23	6.207	6.120	6.028	5.940	6.174	6.407	6.330	6.303	6.304	6.302	6.284	6.186E	23
24	6.206	6.118	6.017	5.937	6.184	6.408	6.338	6.302	6.307	6.303	6.283	6.183E	24
25	6.207	6.108	6.012	5.938	6.201	6.408	6.348	6.301	6.315	6.301	6.283	6.180E	25
26	6.213	6.108	6.011	5.938	6.211	6.409	6.348	6.304	6.319	6.298	6.284	6.177E	26
27	6.188	6.102	6.008	5.936	6.217	6.405	6.345	6.301	6.311	6.300	6.287	6.174E	27
28	6.201	6.087	6.008	5.932	6.238	6.404	6.334	6.298	6.305	6.294	6.289	6.171E	28
29	6.188		6.008	5.930	6.250	6.404	6.339	6.295	6.311	6.285	6.241	6.168E	28
30	6.183		6.008	5.928	6.262	6.401	6.331	6.293	6.314	6.284	6.236	6.165E	30
31	6.178		6.006		6.270		6.348	6.288		6.280		6.162E	31
MEAN	6.238	6.144	6.048	5.958	6.078	6.378	6.348	6.320	6.308	6.304	6.268	6.204	MEAN
MAX	6.285	6.177	6.088	6.000	6.270	6.412	6.403	6.382	6.319	6.319	6.278	6.248	MAX
MIN	6.178	6.087	6.006	5.928	5.925	6.261	6.306	6.293	6.297	6.280	6.236	6.162	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 6.217
MAXIMUM DAILY, 6.412 ON JUN 20
MINIMUM DAILY, 5.925 ON MAY 1
MAXIMUM INSTANTANEOUS,
6.417 AT 17:06 MST ON JUN 23

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 43 50 N
LONG 109 40 15 W

E - ESTIMATED

NATURAL FLOW

NORTHWEST TERRITORIES

NUELTIN LAKE NEAR SMITH BAY - STATION NO. 09HA001

DAILY WATER LEVEL IN METRES FOR 1969

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	273.378A	---	---	---	272.834	272.830E	273.688	273.807	273.780	273.747	273.736	273.688	1
2	---	---	---	---	272.819	272.834E	273.805	273.811	273.759	273.747	273.743	273.686	2
3	---	---	---	---	272.815	272.830E	273.820	273.805	273.780	273.746	273.748	273.677	3
4	---	---	---	---	272.813	272.838E	273.838	273.802	273.788	273.750	273.746	272.678	4
5	---	---	---	---	272.813	272.841E	273.885	273.801	273.781	273.728	273.746	273.673	5
6	---	---	---	---	272.808	272.848E	273.870	273.788	273.780	273.736	273.750	273.681	6
7	---	---	---	---	272.808	272.868E	273.861	273.787	273.787	273.748	273.761	273.685	7
8	---	---	---	---	272.804E	272.868E	273.882	273.788	273.784	273.748	273.761	273.662	8
9	---	---	---	---	272.802E	272.882E	273.888	273.782	273.773	273.740	273.750	273.648	9
10	---	---	---	---	272.800E	273.000E	273.708	273.787	273.774	273.740	273.748	273.648	10
11	---	---	---	---	272.888E	273.024E	273.720	273.788	273.788	273.727	273.728	273.637	11
12	---	---	---	---	272.888E	273.080E	273.738	273.783	273.771	273.738	273.734	273.638A	12
13	---	---	---	---	272.884E	273.088E	273.736	273.772	273.776	273.737	273.731	273.634	13
14	---	---	---	---	272.882E	273.128E	273.748	273.776	273.772	273.736	273.730	273.630	14
15	---	---	---	---	272.881E	273.170E	273.748	273.774	273.773	273.736	273.728	273.631	15
16	---	---	---	---	272.881E	273.217E	273.788	273.788	273.777	273.731	273.721	273.628	16
17	---	---	---	---	272.880E	273.268E	273.782	273.788	273.774	273.728	273.716	273.618	17
18	---	---	---	---	272.881E	273.300E	273.788	273.788	273.788	273.728	273.714	273.618	18
19	---	---	---	---	272.882E	273.341E	273.776	273.748	273.778	273.738	273.714	273.618A	19
20	---	---	---	---	272.883E	273.378E	273.778	273.781	273.747	273.740	273.713	273.612A	20
21	---	---	---	---	272.884E	273.414A	273.783	273.744	273.780	273.740	273.706	273.610	21
22	---	---	---	---	272.888E	273.437	273.784	273.748	273.748	273.738	273.698	273.604	22
23	---	---	---	---	272.886E	273.462	273.780	273.743	273.782	273.738	273.686	273.604	23
24	---	---	---	---	272.888E	273.482	273.786	273.782	273.758	273.742	273.683	273.601	24
25	---	---	---	---	272.900E	273.500	273.803	273.748	273.781	273.740	273.693	273.588	25
26	---	273.163A	---	---	272.901E	273.518	273.808	273.746	273.788	273.732	273.682	273.588	26
27	---	---	---	272.838A	272.902E	273.538	273.808	273.787	273.782	273.711	273.687	273.578	27
28	---	---	---	272.832	272.904E	273.563	273.811	273.782	273.744	273.729	273.687	273.578	28
29	---	---	---	272.826	272.908E	273.584	273.813	273.783	273.788	273.748	273.686	273.582	29
30	---	---	---	272.839	272.912E	273.583	273.800	273.781	273.784	273.747	273.681	273.577	30
31	---	---	---	---	272.918E		273.808	273.781		273.733		273.570	31
MEAN	---	---	---	---	272.902	273.217	273.736	273.773	273.783	273.737	273.721	273.624	MEAN
MAX	---	---	---	---	272.824	273.583	273.813	273.811	273.777	273.780	273.761	273.678	MAX
MIN	---	---	---	---	272.880	272.828	273.888	273.743	273.744	272.711	273.681	273.582	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1969

MAXIMUM DAILY, 273.813 ON JUL 28
MINIMUM DAILY, 272.800E ON MAY 17
MAXIMUM INSTANTANEOUS,
273.821 AT 23:13 CST ON JUL 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 28 40 N
LONG 98 28 80 W

A - MANUAL GAUGE

E - ESTIMATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

NATURAL FLOW

PEEL RIVER ABOVE FORT MCPHERSON - STATION NO. 10MC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1969

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1330	1230	1150	1078	4900	2 8708	1 580	628	573	877	2010	1378	1
2	1330	1230	1150	1078	1 0108	2 8808	1 420	588	588	883	1978	1368	2
3	1328	1228	1148	1078	2 0208	2 740	1 280	554	585	837	1938	1348	3
4	1328	1228	1148	1068	2 3608	2 350	1 180	538	518	487	1908	1328	4
5	1318	1228	1148	1068	2 3708	1 880	1 180	538	508	468	1878	1328	5
6	1318	1228	1148	1068	2 4808	2 080	1 070	552	568	467	1848	1318	6
7	1318	1218	1138	1068	2 5308	2 700	934	578	518	428	1818	1308	7
8	1308	1218	1138	1058	2 5808	2 470	844	588	538	411	1788	1288	8
9	1308	1218	1138	1058	2 4808	2 400	777	583	528	404	1768	1268	9
10	1308	1218	1138	1058	2 3608	2 830	728	600	512	387	1738	1288	10
11	1288	1208	1128	1058	2 1908	2 380	694	784	584	387	1708	1278	11
12	1288	1208	1128	1058	2 0108	2 010	707	788	584	378	1688	1268	12
13	1288	1208	1128	1058	1 8708	1 780	738	668	608	368	1888	1258	13
14	1288	1208	1128	1058	1 7808	1 880	782	638	593	333	1838	1248	14
15	1288	1198	1128	1048	1 8808	1 780	787	603	804	3148	1818	1248	15
16	1278	1188	1118	1048	1 8808	2 820	734	847	848	3088	1588	1238	16
17	1278	1188	1118	1048	1 8308	2 840	718	588	804	3068	1878	1238	17
18	1278	1188	1118	1048	1 8008	2 880	711	577	807	3078	1858	1228	18
19	1278	1188	1118	1048	1 8108	2 300	888	558	848	2788	1848	1218	19
20	1268	1188	1118	1048	1 8808	1 870	858	844	778	2888	1828	1208	20
21	1268	1178	1108	1048	1 7408	1 730	828	884	703	2868	1808	1208	21
22	1268	1178	1108	1048	1 8808	1 830	888	738	638	2638	1488	1188	22
23	1268	1178	1108	1088	1 8808	1 380	888	848	887	2478	1478	1188	23
24	1258	1178	1108	1088	2 0408	1 210	818	1 010	848	2428	1468	1188	24
25	1258	1168	1098	1098	2 0708	1 270	818	1 010	818	2388	1448	1168	25
26	1258	1168	1098	1138	1 8108	2 880	811	808	800	2208	1438	1178	26
27	1248	1168	1098	1208	1 8308	2 880	801	811	808	2248	1428	1178	27
28	1248	1168	1098	1388	1 8008	2 840	888	732	823	2158	1408	1178	28
29	1248		1088	1888	1 8408	2 280	888	871	884	2148	1388	1178	29
30	1238		1088	2308	1 8608	1 880	823	830	874	2108	1348	1188	30
31	1238		1088		1 4208		888	887		2088		1188	31
TOTAL	3 981	3 341	3 453	3 387	58 500	58 820	24 781	22 058	18 274	10 463	4 803	3 847	TOTAL
MEAN	128	119	111	113	1 820	2 180	800	713	842	337	183	134	MEAN
MAX	133	123	118	230	2 880	2 840	1 880	1 010	807	877	201	137	MAX
MIN	123	118	108	104	480	1 210	888	838	800	208	138	118	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE YEAR 1969

MEAN, 807
MAXIMUM DAILY, 2 840 ON JUN 17
MINIMUM DAILY, 1048 ON APR 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 67 14 10 N
LONG 134 84 28 W
DRAINAGE AREA, 70 800 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	342 000	JUL 2 140 000	
FEB	288 000	AUG 1 810 000	
MAR	306 000	SEP 1 870 000	
APR	284 000	OCT 903 000	
MAY	4 880 000	NOV 434 000	
JUN	5 870 000	DEC 332 000	

TOTAL DISCHARGE, 18 200 000 dam³

NORTHWEST TERRITORIES

PORTER LAKE OUTFLOW - STATION NO. 07QD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.20B	7.10B	5.22B	5.04B	4.81	15.2	14.5	15.4	13.7	14.3	12.3	10.7	1
2	9.15B	7.20B	5.30B	5.20B	5.02	15.5	14.3	15.2	13.7	14.7	12.2	10.8	2
3	9.06B	7.00B	5.36B	5.00B	5.12	15.8	14.0	14.8	13.8	14.4	12.0	10.7	3
4	9.00B	7.20B	5.42B	4.76B	5.07	15.6	13.7	14.7	13.8	14.4	12.0	10.7	4
5	8.80B	7.00B	5.50B	4.72B	5.23	15.7	13.6	14.7	13.6	14.0	12.0	10.6	5
6	8.70B	6.84B	5.50B	4.71B	5.57	15.6	13.5	14.7	14.2	14.3	12.0	10.4	6
7	8.63B	6.70B	5.60B	4.70B	6.12	15.7	13.8	14.6	14.4	14.2	12.0	10.3	7
8	8.70B	6.64B	5.78B	4.69B	6.25	15.8	13.5	14.5	14.3	14.4	12.0	10.2	8
9	8.08B	6.61B	5.72B	4.72B	6.82	15.8	13.2	14.3	14.3	14.3	11.8	10.2	9
10	8.00B	6.52B	5.70B	4.73B	7.31	15.7	13.2	14.0	14.8	13.8	11.8	10.2	10
11	8.50B	6.38B	5.65B	4.70B	7.62	15.8	13.1	13.8	15.0	13.8	11.8	10.2	11
12	8.40B	6.45B	5.72B	4.69B	7.84	15.6	13.0	13.6	14.5	14.0	11.8	10.2	12
13	8.20B	6.20B	5.63B	4.72B	8.36	15.6	12.6	13.6	14.5	13.8	11.8	9.91	13
14	8.00B	6.10B	5.61B	4.61B	9.02	15.9	12.8	13.5	14.8	13.7	11.8	9.90	14
15	7.63B	6.12B	5.49B	4.70B	9.47	16.0	12.3	13.3	14.8	13.7	11.7	9.84	15
16	8.00B	6.28B	5.58B	4.69B	9.86	16.1	12.1	13.1	14.7	13.7	11.5	9.88	16
17	8.20B	6.01B	5.86B	4.71B	9.80	16.1	11.8	13.3	14.6	13.9	11.4	9.78	17
18	7.90B	6.02B	5.70B	4.70B	10.2	16.2	12.3	12.8	14.7	13.8	11.3	9.84	18
19	7.70B	5.80B	5.58B	4.68B	10.4	16.2	12.6	12.8	14.7	13.3	11.3	9.83	19
20	7.49B	5.79B	5.50B	4.68B	10.8	16.1	14.6	12.2	14.7	13.4	11.2	9.81	20
21	7.60B	5.58B	5.49B	4.63B	11.1	16.0	14.7	12.3	14.4	13.3	11.2	9.66	21
22	7.64B	5.52B	5.43B	4.64B	11.5	15.7	15.1	12.3	14.4	13.1	11.1	9.47	22
23	7.40B	5.48B	5.41B	4.62B	12.0	15.5	16.0	12.5	14.4	13.0	10.8	9.40	23
24	7.20B	5.37B	5.42B	4.61B	12.4	15.5	16.0	13.2	14.2	13.0	10.8	9.23	24
25	7.16B	5.24B	5.20B	4.60B	12.8	15.4	16.8	13.6	14.3	13.1	10.8	9.13	25
26	7.20B	5.17B	5.10B	4.58B	13.1	15.2	15.7	13.6	14.6	12.4	10.7	9.11	26
27	7.22B	5.24B	5.05B	4.57B	13.5	15.0	15.6	13.4	14.3	12.2	10.7	9.02	27
28	7.08B	5.17B	5.08B	4.64B	13.8	15.0	15.5	13.6	14.4	12.6	10.8	8.98	28
29	6.70B		5.10B	4.78B	14.2	14.8	15.4	13.7	14.4	12.7	10.8	9.21	29
30	6.80B		5.10B	4.68B	14.6	14.8	15.1	13.7	14.3	12.3	10.8	8.98	30
31	7.00B		4.99B		14.9		16.4	13.7		12.3		8.77	31
TOTAL	247.78	172.83	169.15	141.83	294.34	468.3	436.0	424.5	430.7	420.1	344.2	304.22	TOTAL
MEAN	7.99	6.18	5.45	4.73	9.49	15.6	14.1	13.7	14.4	13.6	11.5	9.81	MEAN
MAX	9.20	7.20	5.80	5.20	14.9	16.2	16.0	15.4	15.0	14.7	12.3	10.7	MAX
MIN	6.70	5.17	4.99	4.58	4.81	14.8	11.8	12.2	13.7	12.2	10.8	8.77	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.6
MAXIMUM DAILY, 16.2 ON JUN 18
MINIMUM DAILY, 4.58B ON APR 26
MAXIMUM INSTANTANEOUS,
16.3 AT 14:56 MST ON JUN 18

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 46 57 N
LONG 107 52 11 W
DRAINAGE AREA, 2 050 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	21 400	JUL	37 700
FEB	14 900	AUG	36 700
MAR	14 600	SEP	37 200
APR	12 300	OCT	36 300
MAY	25 400	NOV	29 700
JUN	40 500	DEC	26 300

TOTAL DISCHARGE, 333 000 dam³

PRAIRIE CREEK AT CADILLAC MINE - STATION NO. 10EC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.555B	0.265B	0.382B	0.515B	28.6 B	14.7	9.40	5.08	4.75	3.70E	2.17B	1.13 B	1
2	0.523B	0.305B	0.400B	0.555B	24.1 B	13.7	7.57	4.80	4.52	3.65E	2.14B	1.12 B	2
3	0.512B	0.325B	0.435B	0.590B	22.8 B	11.7	7.76	4.71	4.41	3.55A	2.11B	1.10 B	3
4	0.475B	0.320B	0.442B	0.528B	18.4 B	12.7	8.04	4.40	4.60	3.47	2.08B	1.08 B	4
5	0.403B	0.315B	0.460B	0.520B	23.1	16.8	7.12	4.74	4.46	3.04	2.07B	1.06 B	5
6	0.370B	0.310B	0.470B	0.610B	21.7	17.4	6.56	4.42	4.30	3.75	2.05B	1.04 B	6
7	0.340B	0.290B	0.480B	0.600B	16.8	13.7	6.02	4.21	4.33	3.16	2.03B	1.02 B	7
8	0.305B	0.285B	0.485B	0.590B	18.3	14.0	5.84	4.12	4.43	3.07	2.01B	1.00 B	8
9	0.270B	0.286B	0.500B	0.640B	21.8	13.4	5.86	4.18	4.01	2.63B	1.88B	0.980B	9
10	0.240B	0.300B	0.500B	0.680B	20.4	12.1	5.85	3.85	4.01	2.10B	1.84B	0.960B	10
11	0.215B	0.265B	0.480B	0.720B	10.2	11.0	6.15	3.82	3.91	1.40B	1.81B	0.990B	11
12	0.180B	0.275B	0.475B	0.705B	9.20	10.3	5.73	3.75	3.76	1.65B	1.87B	1.01 B	12
13	0.168B	0.282B	0.480B	0.700B	11.6	11.0	5.90	3.73	3.86	2.10B	1.84B	1.03 B	13
14	0.206B	0.255B	0.505B	0.680B	14.8	15.2	5.15	4.05	3.85E	2.35B	1.80B	1.06 B	14
15	0.215B	0.250B	0.485B	0.665B	21.2	18.0	4.98	7.66	3.76E	2.60B	1.78B	1.08 B	15
16	0.200B	0.247B	0.480B	0.655B	21.5	13.7	4.81	5.43	3.80E	2.57B	1.72B	1.05 B	16
17	0.180B	0.245B	0.480B	0.690B	15.3	11.6	5.08	4.87	3.90E	2.54B	1.88B	1.02 B	17
18	0.165B	0.247B	0.500B	0.710B	11.3	10.2	4.82	4.71	3.95E	2.50B	1.84B	0.980B	18
19	0.150B	0.248B	0.485B	0.675B	13.0	9.20	4.46	4.54	4.05E	2.47B	1.80B	0.950B	19
20	0.155B	0.265B	0.470B	0.650B	12.8	8.68	4.36	4.73	4.10E	2.44B	1.85B	0.930B	20
21	0.165B	0.271B	0.463B	0.637B	9.23	8.15	7.18	5.64	4.20E	2.42B	1.57B	0.900B	21
22	0.150B	0.287B	0.471B	0.612B	8.86	7.70	9.46	7.58	4.30E	2.40B	1.50B	0.870B	22
23	0.160B	0.333B	0.521B	0.786B	10.6	7.81	7.21	7.32	4.25E	2.38B	1.55B	0.850B	23
24	0.161B	0.340B	0.484B	1.35 B	8.50	7.93	6.30	7.03	4.15E	2.35B	1.40B	0.830B	24
25	0.214B	0.356B	0.424B	3.85 B	8.14	7.27	5.77	6.89	4.10E	2.34B	1.35B	0.800B	25
26	0.226B	0.348B	0.384B	6.00 B	9.22	6.83	5.30	6.22	4.00E	2.32B	1.28B	0.780B	26
27	0.260B	0.340B	0.395B	12.0 B	8.14	6.66	5.06	5.93	3.95E	2.30B	1.24B	0.760B	27
28	0.285B	0.315B	0.430B	20.0 B	8.82	6.83	5.65	5.65	3.90E	2.26B	1.20B	0.740B	28
29	0.280B		0.455B	38.9 B	12.0	6.45	5.84	5.43	3.85E	2.26B	1.18B	0.730B	29
30	0.275B		0.495B	35.4 B	20.4	6.27	5.36	5.14	3.75E	2.23B	1.15B	0.710B	30
31	0.270B		0.525B		17.7		5.21	4.93		2.20B		0.700B	31
TOTAL	8.328	8.224	14.502	130.104	484.23	324.72	185.52	160.93	122.62	78.25	51.67	29.280	TOTAL
MEAN	0.269	0.294	0.468	4.34	15.6	10.8	5.98	5.19	4.08	2.55	1.72	0.944	MEAN
MAX	0.555	0.356	0.525	38.9	31.6	18.0	9.46	7.66	4.75	3.70	2.17	1.13	MAX
MIN	0.150	0.245	0.384	0.515	8.14	6.27	4.36	3.73	3.85	1.40	1.15	0.700	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.41
MAXIMUM DAILY, 38.9B ON APR 29
MINIMUM DAILY, 0.150B ON JAN 19
MAXIMUM INSTANTANEOUS,
43.8E AT 23:30 MST ON MAY 5

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 33 30 N
LONG 124 48 45 W
DRAINAGE AREA, 495 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	719	JUL	16 000
FEB	711	AUG	13 900
MAR	1 250	SEP	10 600
APR	11 200	OCT	6 850
MAY	42 700	NOV	4 450
JUN	28 100	DEC	2 530

TOTAL DISCHARGE, 139 000 dam³

NORTHWEST TERRITORIES

PRINCE RIVER NEAR BAKER LAKE - STATION NO. 08MA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	0B	0B	0 B	88.8	38.7	18.4	4.88	1.98 B	0.2808	1
2	0B	0B	0B	0B	0B	0 B	87.6	38.8	14.8	5.76	1.80 B	0.2808	2
3	0B	0B	0B	0B	0B	0 B	84.8	34.0	14.8	5.71	1.40 B	0.2408	3
4	0B	0B	0B	0B	0B	0 B	80.0	32.7	13.8	5.18	1.78 B	0.2108	4
5	0B	0B	0B	0B	0B	0 B	78.1	30.8	13.7	5.40 B	1.88 B	0.1908	5
6	0B	0B	0B	0B	0B	0 B	78.8	28.3	13.7	5.00 B	1.88 B	0.1708	6
7	0B	0B	0B	0B	0B	0 B	76.0	27.7	13.4	5.40 B	1.81 B	0.1608	7
8	0B	0B	0B	0B	0B	0 B	71.0	26.8	13.0	4.85 B	1.47 B	0.1308	8
9	0B	0B	0B	0B	0B	0 B	69.7	25.1	13.2	4.85 B	1.40 B	0.1108	9
10	0B	0B	0B	0B	0B	0.0008 B	69.7	23.8	12.4	4.45 B	1.35 B	0.0908 B	10
11	0B	0B	0B	0B	0B	3.80 B	64.1	22.5	12.3	4.25 B	1.28 B	0.0708	11
12	0B	0B	0B	0B	0B	8.60 B	61.3	21.4	12.2	4.08 B	1.24 B	0.0808	12
13	0B	0B	0B	0B	0B	20.0 B	58.6	20.3	12.7	3.90 B	1.17 B	0.0308	13
14	0B	0B	0B	0B	0B	80.0 B	58.4	19.1	12.1	3.78 B	1.10 B	0 B	14
15	0B	0B	0B	0B	0B	150 B	53.8	18.8	12.0	3.88 B	1.04 B	0 B	15
16	0B	0B	0B	0B	0B	183 B	51.8	20.7	11.7	3.48 B	0.8708	0 B	16
17	0B	0B	0B	0B	0B	159 B	48.4	21.3	11.8	3.30 B	0.8208	0 B	17
18	0B	0B	0B	0B	0B	148	47.8	21.7	11.8	3.18 B	0.8808	0 B	18
19	0B	0B	0B	0B	0B	143	46.2	21.3	12.1	3.08 B	0.8208	0 B	19
20	0B	0B	0B	0B	0B	138	41.7	20.8	11.3	2.95 B	0.7808	0 B	20
21	0B	0B	0B	0B	0B	135	38.8	20.3	11.8	2.82 B	0.7108	0 B	21
22	0B	0B	0B	0B	0B	133	37.3	19.7	11.0	2.74 B	0.6808	0 B	22
23	0B	0B	0B	0B	0B	116	36.8	19.1	10.3	2.64 B	0.6008	0 B	23
24	0B	0B	0B	0B	0B	114	41.0	18.4	10.4	2.57 B	0.5808	0 B	24
25	0B	0B	0B	0B	0B	108	40.1	17.7	10.4	2.46 B	0.5208	0 B	25
26	0B	0B	0B	0B	0B	105	38.7	18.8	9.58	2.40 B	0.4708	0 B	26
27	0B	0B	0B	0B	0B	101	37.3	18.4A	8.78	0.818 B	0.4208	0 B	27
28	0B	0B	0B	0B	0B	95.5	35.8	17.1	10.2	2.25 B	0.3908	0 B	28
29	0B		0B	0B	0B	92.6	34.8	17.2	9.44	2.18 B	0.3808	0 B	29
30	0B		0B	0B	0B	91.0	35.3	17.3	9.01	2.11 B	0.3208	0 B	30
31	0B		0B		0B		37.0	16.4		2.05 B		0 B	31
TOTAL	0	0	0	0	0	2 088.400	1 735.8	707.0	361.78	121.488	31.830	1.980	TOTAL
MEAN	0	0	0	0	0	69.6	56.7	22.8	11.7	3.82	1.06	0.064	MEAN
MAX	0	0	0	0	0	183	88.8	38.7	18.4	5.71	1.98	0.280	MAX
MIN	0	0	0	0	0	0	34.8	16.4	8.44	0.818	0.320	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.7
MAXIMUM DAILY, 1939 ON JUN 18
MINIMUM DAILY, 0B ON JAN 1

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 10 08 N
LONG 95 48 31 W
DRAINAGE AREA, 2 100 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	149 000
FEB	0	AUG	61 100
MAR	0	SEP	30 400
APR	0	OCT	10 800
MAY	0	NOV	2 730
JUN	179 000	DEC	171

TOTAL DISCHARGE, 433 000 dam³

PROSPEROUS LAKE NEAR MCKEEHAN BAY - STATION NO. 07SB014

DAILY WATER LEVEL IN METRES FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	190.679E	190.679E	190.484	190.368	190.330	190.488	190.471	190.533	190.558	190.424	190.363	190.332	1
2	190.678E	190.673E	190.481	190.3 9	190.326	190.481	190.460	190.543	190.555	190.418	190.361	190.332	2
3	190.671E	190.670E	190.474	190.3 8	190.331	190.482	190.457	190.552	190.551	190.418	190.361	190.335	3
4	190.668E	190.668E	190.484	190.376	190.331	190.484	190.458	190.555	190.547	190.428	190.362	190.331	4
5	190.664E	190.663E	190.490	190.378	190.336	190.488	190.480	190.561	190.546	190.419	190.367	190.327	5
6	190.660E	190.661E	190.480	190.374	190.341	190.488	190.482	190.571	190.543	190.418	190.359	190.328	6
7	190.657E	190.656E	190.486	190.373	190.343	190.488	190.481	190.576	190.544	190.413	190.358	190.321	7
8	190.653E	190.655E	190.483	190.369	190.343	190.488	190.483	190.586	190.531	190.412	190.357	190.317	8
9	190.649E	190.651E	190.481	190.368	190.352	190.484	190.488	190.583	190.518	190.412	190.357	190.316	9
10	190.647E	190.650E	190.488	190.367	190.388	190.487	190.488	190.589	190.502	190.408	190.358	190.316	10
11	190.643E	190.649E	190.481	190.363	190.372	190.501	190.487	190.605	190.489	190.408	190.352	190.313	11
12	190.639E	190.642E	190.484	190.360	190.381	190.504	190.438	190.604	190.501	190.403	190.350	190.318	12
13	190.636E	190.639E	190.442	190.358	190.381	190.503	190.434	190.604	190.486	190.397	190.349	190.314	13
14	190.634E	190.638E	190.438	190.358	190.381	190.504	190.434	190.613	190.486	190.392	190.348	190.321	14
15	190.629E	190.635A	190.433	190.358	190.408	190.504	190.433	190.619	190.483	190.388	190.343	190.317	15
16	190.627E	190.634	190.429	190.343	190.414	190.502	190.431	190.617	190.492	190.383	190.341	190.313	16
17	190.623E	190.632	190.428	190.341	190.423	190.501	190.438	190.611	190.482	190.378	190.343	190.307	17
18	190.621E	190.628	190.422	190.338	190.427	190.501	190.438	190.610	190.478	190.381	190.344	190.304	18
19	190.617E	190.627	190.420	190.338	190.437	190.502	190.438	190.614	190.473	190.378	190.343	190.293	19
20	190.616E	190.623	190.416	190.334	190.448	190.504	190.444	190.607	190.468	190.375	190.341	190.304	20
21	190.611E	190.617	190.414	190.331	190.448	190.488	190.488	190.600	190.468	190.385	190.337	190.307	21
22	190.608E	190.61C	190.413	190.327	190.452	190.486	190.490	190.597	190.468	190.385	190.335	190.306	22
23	190.605E	190.612	190.411	190.323	190.457	190.481	190.497	190.595	190.480	190.380	190.338	190.308	23
24	190.602E	190.608	190.408	190.320	190.458	190.483	190.500	190.592	190.467	190.377	190.337	190.305	24
25	190.600E	190.600	190.402	190.317	190.468	190.478	190.504	190.588	190.460	190.380	190.336	190.308	25
26	190.598E	190.602	190.389	190.314	190.470	190.480	190.511	190.585	190.439	190.373	190.333	190.308	26
27	190.593E	190.598	190.384	190.313	190.470	190.474	190.519	190.577	190.441	190.388	190.334	190.308	27
28	190.590E	190.590	190.384	190.313	190.475	190.472	190.529	190.568	190.435	190.387	190.330	190.313	28
29	190.586E		190.383	190.318	190.480	190.472	190.530	190.568	190.432	190.388	190.333	190.314	29
30	190.583E		190.384	190.319	190.484	190.470	190.526	190.585	190.428	190.384	190.330	190.316	30
31	190.580E		190.382		190.488		190.528	190.582		190.388		190.316	31
MEAN	190.636	190.636	190.431	190.347	190.406	190.493	190.487	190.588	190.489	190.392	190.345	190.315	MEAN
MAX	190.679	190.679	190.484	190.368	190.488	190.504	190.530	190.619	190.558	190.428	190.369	190.335	MAX
MIN	190.580	190.590	190.382	190.313	190.330	190.470	190.438	190.533	190.428	190.368	190.328	190.293	MIN

WATER LEVELS IN METRES

MEAN, 190.483
MAXIMUM DAILY, 190.679E ON JAN 1
MINIMUM DAILY, 190.293 ON DEC 19

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 31 31 N
LONG 114 06 32 W

A - MANUAL GAUGE
E - ESTIMATED

REGULATED SINCE 1941

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

REMARKS - WATER LEVEL DATA FROM THIS STATION ARE USED TO COMPUTE FLOW DATA FOR STATION NO. 07SB002

NORTHWEST TERRITORIES

QIKIQTAQ CREEK NEAR BAKER LAKE - STATION NO. 08MA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0 B	0 B	0 B	0 B	0 B	0 B	12.3	4.31	1.02	0.425	0 B	0 B	1
2	0 B	0 B	0 B	0 B	0 B	0 B	11.6	4.28	0.980	0.264	0 B	0 B	2
3	0 B	0 B	0 B	0 B	0 B	0 B	10.9	3.52	0.889	0.221	0 B	0 B	3
4	0 B	0 B	0 B	0 B	0 B	0 B	9.76	3.19	0.804	0.1788	0 B	0 B	4
5	0 B	0 B	0 B	0 B	0 B	0 B	9.79	2.90	0.844	0.1558	0 B	0 B	5
6	0 B	0 B	0 B	0 B	0 B	0 B	8.03	3.72	0.885	0.1388	0 B	0 B	6
7	0 B	0 B	0 B	0 B	0 B	0 B	7.81	2.50	0.774	0.1188	0 B	0 B	7
8	0 B	0 B	0 B	0 B	0 B	0 B	7.08	2.64	0.782	0.1008	0 B	0 B	8
9	0 B	0 B	0 B	0 B	0 B	0 B	8.84	2.50	0.827	0.0888	0 B	0 B	9
10	0 B	0 B	0 B	0 B	0 B	0 B	8.23	1.83	1.04	0.0798	0 B	0 B	10
11	0 B	0 B	0 B	0 B	0 B	0 B	5.85	1.86	0.828	0.0888	0 B	0 B	11
12	0 B	0 B	0 B	0 B	0 B	0 B	5.36	1.46	0.980	0.0888	0 B	0 B	12
13	0 B	0 B	0 B	0 B	0 B	1.008	4.83	1.42	1.12	0.0488	0 B	0 B	13
14	0 B	0 B	0 B	0 B	0 B	25.0 B	4.85	1.43	0.888	0.0388	0 B	0 B	14
15	0 B	0 B	0 B	0 B	0 B	40.0 B	4.48	1.28	0.864	0.0308	0 B	0 B	15
16	0 B	0 B	0 B	0 B	0 B	48.8 B	4.08	1.85	0.782	0.0228	0 B	0 B	16
17	0 B	0 B	0 B	0 B	0 B	55.3	3.62	2.28	0.767	0.0188	0 B	0 B	17
18	0 B	0 B	0 B	0 B	0 B	51.8	3.53	2.40	1.01	0.0108	0 B	0 B	18
19	0 B	0 B	0 B	0 B	0 B	48.4	3.94	2.09	1.83	0.0088	0 B	0 B	19
20	0 B	0 B	0 B	0 B	0 B	43.3	3.89	1.68	1.21	0 B	0 B	0 B	20
21	0 B	0 B	0 B	0 B	0 B	38.0	3.73	1.76	1.81	0 B	0 B	0 B	21
22	0 B	0 B	0 B	0 B	0 B	33.1	2.81	1.89	2.15	0 B	0 B	0 B	22
23	0 B	0 B	0 B	0 B	0 B	28.8	3.24	1.61	1.31	0 B	0 B	0 B	23
24	0 B	0 B	0 B	0 B	0 B	26.6	8.25	1.38	1.14	0 B	0 B	0 B	24
25	0 B	0 B	0 B	0 B	0 B	23.7	4.40	1.28	1.44	0 B	0 B	0 B	25
26	0 B	0 B	0 B	0 B	0 B	21.1	3.87	1.18	1.24	0 B	0 B	0 B	26
27	0 B	0 B	0 B	0 B	0 B	18.8	3.23	1.17	0.820	0 B	0 B	0 B	27
28	0 B	0 B	0 B	0 B	0 B	17.3	3.11	1.18	1.07	0 B	0 B	0 B	28
29	0 B		0 B	0 B	0 B	15.8	3.18	1.11	0.884	0 B	0 B	0 B	29
30	0 B		0 B	0 B	0 B	13.:	3.87	1.22	0.870	0 B	0 B	0 B	30
31	0 B		0 B		0 B		4.07	1.18		0 B		0 B	31
TOTAL	0	0	0	0	0	597.90	173.46	62.86	31.879	2.041	0	0	TOTAL
MEAN	0	0	0	0	0	19.9	5.60	2.03	1.06	0.066	0	0	MEAN
MAX	0	0	0	0	0	55.8	12.3	4.31	2.15	0.425	0	0	MAX
MIN	0	0	0	0	0	0	3.81	1.11	0.870	0	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.36
MAXIMUM DAILY, 55.8B ON JUN 19
MINIMUM DAILY, 0B ON JAN 1

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 15 24 N
LONG 93 12 08 W
DRAINAGE AREA, 431 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	15 000
FEB	0	AUG	5 410
MAR	0	SEP	2 740
APR	0	OCT	176
MAY	0	NOV	0
JUN	51 700	DEC	0

TOTAL DISCHARGE, 75 000 dam³

QUBICH RIVER ABOVE ST. CLAIR FALLS - STATION NO. 08MH001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	11.8 B	7.328	6.788	6.858	8.308	14.88	1 840E	352	194	112	38.1B	16.1 B	1
2	11.7 B	7.148	6.748	6.008	8.408	16.08	1 870E	343	187	108	34.8B	15.8 B	2
3	11.8 B	7.038	6.738	6.008	8.808	16.1B	1 490E	338	188	105	33.8B	15.2 B	3
4	11.4 B	6.858	6.718	6.108	8.608	17.8B	1 420E	328	182	114	32.8B	14.7 B	4
5	11.3 B	6.908	6.708	6.188	8.708	19.4B	1 380	321	178	108	31.4B	14.3 B	5
6	11.1 B	6.848	6.708	6.188	8.858	20.8B	1 330	318	174A	88.4	30.8B	13.8 B	6
7	10.8 B	6.788	6.708	6.218	9.028	22.7B	1 280	307	170	72.3	28.7B	13.5 B	7
8	10.7 B	6.728	6.688	6.248	9.188	25.3B	1 170	296	165	75.4	26.8B	13.0 B	8
9	10.6 B	6.688	6.688	6.278	9.388	30.8B	1 080	283	162	84.7	28.0B	12.8 B	9
10	10.3 B	6.608	6.858	6.308	9.808	80.0B	988	270	158	81.6	27.1B	12.2 B	10
11	10.1 B	6.548	6.708	6.348	9.808	73.0B	931	280	155	88.3	26.8B	11.8 B	11
12	9.948	6.488	6.718	6.388	9.708	113 B	884	281	161	81.7	26.8B	11.8 B	12
13	9.768	6.428	6.728	6.428	9.808	178 B	817	263	151	70.2	25.2B	11.4 B	13
14	9.588	6.368	6.738	6.468	9.908	242	771	238	149	76.0	24.8B	11.1 B	14
15	9.408	6.308	6.758	6.508	10.0 B	483	731	228	148	72.7	23.9B	10.8 B	15
16	9.248	6.248	6.768	6.888	10.2 B	890	689	223	143	69.4	23.8B	10.8 B	16
17	9.068	6.188	6.778	6.828	10.4 B	838	662	220	141	67.4	23.0B	10.3 B	17
18	8.838	6.128	6.788	6.988	10.6 B	847	614	214	141	66.6	22.6B	10.1 B	18
19	8.788	6.068	6.788	7.148	10.7 B	1 230	671	208	138	60.0B	22.1B	9.648	19
20	8.608	6.008	6.808	7.308	10.8 B	1 700	626	201	136	57.8B	21.7B	9.608	20
21	8.488	5.968	6.818	7.408	11.1 B	1 820	491	206	136	55.0B	21.3B	8.378	21
22	8.368	5.928	6.828	7.508	11.4 B	1 810	462	218	137	52.8B	20.8B	8.148	22
23	8.248	5.888	6.838	7.608	11.8 B	1 890	450	224	136	50.0B	20.8B	8.018	23
24	8.128	5.848	6.848	7.708	11.8 B	1 930	438	227	135	48.0B	20.2B	8.088	24
25	8.008	5.808	6.858	7.808	12.1 B	1 890	414	230	132	46.8B	19.8B	8.488	25
26	7.888	5.788	6.888	7.888	12.4 B	1 840	389	227	126	44.8B	19.1B	8.338	26
27	7.778	5.788	6.888	7.888	12.7 B	1 800	381	226	121	43.0E	18.8B	8.208	27
28	7.658	5.788	6.878	8.048	13.0 B	1 880	378	223	122	41.8B	17.8B	8.068	28
29	7.638		6.888	8.128	13.4 B	1 830	362	218	104	38.8B	17.2B	7.858	29
30	7.428		6.888	8.208	13.7 B	1 730	380	210	105	38.2B	16.8B	7.628	30
31	7.308		6.908		14.0 B		362	203		37.0B		7.708	31
TOTAL	291.83	178.33	179.01	206.83	327.42	25 383.8	25 020	7 833	4 488	2 180.7	743.3	340.86	TOTAL
MEAN	9.40	6.37	5.77	6.88	10.6	845	807	253	149	70.3	24.6	11.0	MEAN
MAX	11.8	7.32	6.90	8.20	14.0	1 930	1 840	352	194	114	38.1	16.1	MAX
MIN	7.30	5.78	5.69	5.85	8.30	14.5	380	201	104	37.0	16.8	7.70	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 184
MAXIMUM DAILY, 1 930 ON JUN 24
MINIMUM DAILY, 5.68B ON MAR 8
MAXIMUM INSTANTANEOUS,
2 020 AT 12:32 CST ON JUN 24

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 15 33 N
LONG 93 55 02 W
DRAINAGE AREA, 30 100 km²

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	25 200	JUL	2 180 000
FEB	15 400	AUG	677 000
MAR	15 500	SEP	388 000
APR	17 900	OCT	188 000
MAY	28 300	NOV	64 200
JUN	2 180 000	DEC	29 500

TOTAL DISCHARGE, 5 800 000 dam³

RABBIT CREEK AT HIGHWAY NO. 7 - STATION NO. 10KD006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0488	0.0108	0.0088	0.0088	5.80 B	0.520E	0.088E	0.011	0.013	0.008	0.0208	0.0158	1
2	0.0438	0.0088	0.0088	0.0088	5.59 B	0.480E	0.088E	0.012	0.012	0.008	0.0208	0.0158	2
3	0.0428	0.0078	0.0088	0.0088	5.18 B	0.480E	0.088E	0.009	0.010	0.012	0.0208	0.0148	3
4	0.0418	0.0088	0.0078	0.0048	4.81	0.420E	0.048E	0.008	0.010	0.010	0.0208	0.0148	4
5	0.0408	0.0048	0.0088	0.0048	4.12	0.390E	0.042E	0.008	0.008	0.008	0.0208	0.0128	5
6	0.0388	0.0048	0.0108	0.0088	3.95	0.410E	0.040E	0.008	0.008	0.008	0.0188	0.0118	6
7	0.0388	0.0048	0.0108	0.0048	3.10	0.440E	0.038E	0.008	0.010	0.004	0.0188	0.0118	7
8	0.0388	0.0088	0.0088	0.0048	3.43	0.400E	0.038E	0.007	0.012	0.007	0.0188	0.0118	8
9	0.0348	0.0048	0.0088	0.0088	3.61	0.380E	0.034E	0.008	0.008	0.014	0.0188	0.0118	9
10	0.0338	0.0088	0.0088	0.0148	3.80	0.330E	0.033E	0.012	0.008	0.018	0.0188	0.0118	10
11	0.0328	0.0078	0.0138	0.0288	3.47	0.300E	0.030A	0.084	0.008	0.018	0.0188	0.0138	11
12	0.0318	0.0048	0.0148	0.0388	3.13	0.270E	0.028	0.043	0.007	0.024	0.0188	0.0128	12
13	0.0308	0.0048	0.0128	0.0088	2.28	0.280A	0.026	0.022	0.008	0.031	0.0188	0.0108	13
14	0.0288	0.0048	0.0138	0.0088	2.48	0.210	0.026	0.017	0.008	0.038	0.0188	0.0088	14
15	0.0288	0.0038	0.0148	0.1008	2.88	0.201	0.021	0.014	0.008	0.032	0.0188	0.0088	15
16	0.0278	0.0048	0.0158	0.0708	2.88	0.133	0.021	0.014	0.008	0.024	0.0188	0.0088	16
17	0.0268	0.0058	0.0178	0.0608	2.10	0.108	0.034	0.014	0.008	0.022	0.0188	0.0088	17
18	0.0268	0.0058	0.0188	0.0488	2.81	0.095	0.024	0.014	0.007	0.023	0.0188	0.0088	18
19	0.0238	0.0058	0.0188	0.0368	3.12	0.078	0.024	0.0158	0.008	0.0228	0.0178	0.0088	19
20	0.0198	0.0048	0.0148	0.0218	2.55	0.073	0.020	0.015E	0.009	0.0228	0.0178	0.0088	20
21	0.0188	0.0038	0.0138	0.0208	2.06	0.088	0.017	0.015E	0.018	0.0228	0.0178	0.0088	21
22	0.0108	0.0048	0.0108	0.0228	1.74	0.068	0.023	0.0188	0.038	0.0218	0.0178	0.0088	22
23	0.0178	0.0048	0.0108	0.0388	1.48	0.072E	0.088	0.020E	0.035	0.0218	0.0178	0.0088	23
24	0.0148	0.0048	0.0088	0.1498	1.38	0.068E	0.038	0.028A	0.028	0.0218	0.0188	0.0088	24
25	0.0138	0.0088	0.0088	0.4828	1.14	0.088E	0.030	0.037	0.028	0.0218	0.0188	0.0088	25
26	0.0188	0.0088	0.0088	0.8878	1.03	0.080E	0.020	0.028	0.021	0.0218	0.0188	0.0078	26
27	0.0188	0.0078	0.0088	1.47 B	0.874	0.078E	0.018	0.020	0.028	0.0218	0.0188	0.0078	27
28	0.0148	0.0088	0.0088	2.81 B	0.851	0.070E	0.014	0.018	0.023	0.0218	0.0188	0.0088	28
29	0.0138		0.0088	3.88 B	0.828	0.068E	0.028	0.018	0.018	0.0208	0.0188	0.0088	29
30	0.0128		0.0088	5.02 B	0.850E	0.061E	0.018	0.018	0.013	0.0208	0.0188	0.0088	30
31	0.0118		0.0088		0.840E		0.013	0.014		0.0208		0.0088	31
TOTAL	0.804	0.148	0.323	14.874	82.380	8.884	0.886	0.833	0.389	0.874	0.836	0.287	TOTAL
MEAN	0.026	0.008	0.010	0.488	2.88	0.222	0.021	0.017	0.013	0.018	0.018	0.010	MEAN
MAX	0.048	0.010	0.018	5.02	5.80	0.520	0.088	0.084	0.038	0.038	0.020	0.018	MAX
MIN	0.010	0.003	0.008	0.004	0.840	0.061	0.013	0.008	0.008	0.004	0.018	0.004	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.287
MAXIMUM DAILY, 5.800 ON MAY 1
MINIMUM DAILY, 0.0038 ON FEB 16
MAXIMUM INSTANTANEOUS,
8.51 AT 05:22 MST ON MAY 2

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 27 50 N
LONG 123 21 54 W
DRAINAGE AREA, 92.7 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	69.5	JUL	82.5
FEB	12.8	AUG	68.0
MAR	27.9	SEP	34.5
APR	1 270	OCT	49.6
MAY	7 120	NOV	46.3
JUN	878	DEC	25.7

TOTAL DISCHARGE, 9 380 dam³

RAMPARTS RIVER NEAR FORT GOOD HOPE - STATION NO. 10KD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.328	2.588	1.618	1.408	3.808	178	98.1	85.2	41.8	78.5	13.3 B	5.378	1
2	4.188	2.548	1.708	1.398	4.808	148	84.4	88.1	38.5	85.0	13.8 B	5.238	2
3	4.058	2.518	1.778	1.388	6.508	168	82.6	82.7	37.3A	77.0	13.8 B	5.128	3
4	4.038	2.478	1.758	1.388	8.108	181	128	48.8	36.3E	86.3	13.1 B	5.008	4
5	3.968	2.438	1.738	1.378	12.5 B	182	127	42.2	36.0E	88.1	11.7 B	5.828	5
6	3.908	2.408	1.718	1.378	16.0 B	140	105	47.4	38.0E	82.3	11.4 B	5.808	6
7	3.838	2.378	1.888	1.388	25.0 B	144	88.7	108	38.2E	48.3	11.1 B	5.728	7
8	3.778	2.348	1.688	1.388	33.0 B	188	71.8	120	38.8E	45.3	10.7 B	5.808	8
9	3.718	2.318	1.678	1.388	60.0 B	188	80.8	102	38.4E	42.4	10.4 B	5.528	9
10	3.888	2.288	1.888	1.368	80.0 B	141	82.8	85.7	41.0E	40.2	10.2 B	5.428	10
11	3.888	2.288	1.628	1.348	180 B	133	48.0	88.0	46.0E	38.8	9.808	5.338	11
12	3.628	2.228	1.628	1.348	210 B	111	48.1	148	45.8E	37.2	9.808	5.248	12
13	3.488	2.188	1.618	1.348	210 B	88.4	49.2	139	43.0E	35.7	9.408	5.168	13
14	3.438	2.188	1.588	1.338	190 B	87.1	41.8	114	40.8E	33.0B	9.208	5.078	14
15	3.388	2.138	1.588	1.338	174 B	78.0	48.4	92.0	40.4E	30.0B	8.908	5.008	15
16	3.338	2.118	1.578	1.338	162	78.0	86.7	78.4	42.0E	27.4B	8.718	4.938	16
17	3.288	2.088	1.568	1.338	181	124	80.2	74.8	48.0E	28.8B	8.508	4.888	17
18	3.238	2.068	1.548	1.338	174	288	84.8	84.8	85.0E	24.2B	8.388	4.808	18
19	3.188	2.038	1.538	1.348	195	308	40.8	86.0	78.0E	23.0B	8.188	4.728	19
20	3.108	2.018	1.528	1.348	184	288	38.5	88.2	78.0E	21.8B	7.988	4.868	20
21	3.048	1.998	1.508	1.388	185	222	36.8	78.8	73.0E	20.8B	7.808	4.848	21
22	3.008	1.978	1.488	1.388	208	188	33.7	88.0	88.0E	19.8B	7.608	4.828	22
23	2.958	1.958	1.488	1.378	245	158	31.8	82.5	88.0E	18.8B	7.488	4.448	23
24	2.818	1.928	1.478	1.388	278	138	28.8	80.5	84.0E	18.0B	7.308	4.388	24
25	2.678	1.908	1.488	1.438	277	122	28.7	83.3	80.0E	17.3B	7.188	4.328	25
26	2.828	1.888	1.488	1.488	285	108	28.3	87.0	48.0E	16.8B	7.008	4.288	26
27	2.788	1.888	1.488	1.548	218	96.8	28.8	88.1	43.2A	16.8B	6.858	4.208	27
28	2.748	1.848	1.448	1.878	184	84.8	30.4	88.8	41.8	15.3B	6.738	4.188	28
29	2.688		1.438	1.808	188	102	31.8	83.7	42.7	14.7B	6.608	4.108	29
30	2.688		1.428	2.408	188	108	31.4	48.1	84.4	14.2B	6.508	4.108	30
31	2.628		1.418		184		35.7	46.3		13.8B		4.008	31
TOTAL	103.91	80.78	48.02	42.88	4 637.20	4 572.8	1 887.4	2 410.8	1 428.2	1 671.8	278.84	158.48	TOTAL
MEAN	3.38	2.17	1.58	1.43	142	182	84.8	77.8	47.8	24.8	9.28	5.01	MEAN
MAX	4.32	2.58	1.81	2.48	278	308	128	148	78.0	88.0	13.3	5.37	MAX
MIN	2.62	1.84	1.41	1.33	3.80	78.0	28.3	42.3	36.0	13.8	6.80	4.00	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 44.7
MAXIMUM DAILY, 308 ON JUN 19
MINIMUM DAILY, 1.33B ON APR 14
MAXIMUM INSTANTANEOUS,
315 AT 07:45 MST ON JUN 18

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 66 07 00 N
LONG 128 16 18 W
DRAINAGE AREA, 7 410 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	6 880	JUL	147 000
FEB	5 250	AUG	308 000
MAR	4 240	SEP	123 000
APR	3 710	OCT	82 800
MAY	283 000	NOV	23 800
JUN	388 000	DEC	13 400

TOTAL DISCHARGE, 1 410 000 dam³

NORTHWEST TERRITORIES

RAT RIVER NEAR FORT MCPHERSON - STATION NO. 10MC007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.1910	0.0270	0.0	0.0	0 B	120	14.8	12.4	11.2	7.88	2.33 B	0.4750	1
2	0.1820	0.0240	0.0	0.0	0 B	81.5	10.8	11.4	12.6	7.24	2.24 B	0.4430	2
3	0.1730	0.0210	0.0	0.0	0 B	60.6	8.64	12.7	12.6	6.82	2.17 B	0.4150	3
4	0.1640	0.0180	0.0	0.0	0 B	55.5	7.72	12.7	12.4	6.41	2.10 B	0.3870	4
5	0.1570	0.0150	0.0	0.0	0.0085	48.4	7.07	12.4	11.9	5.81	2.03 B	0.3630	5
6	0.1500	0.0120	0.0	0.0	0.0200	34.1	7.80	11.3	11.8	5.35	1.96 B	0.3370	6
7	0.1430	0.0090	0.0	0.0	0.0488	28.5	8.81	10.7	24.8	5.47	1.87 B	0.3140	7
8	0.1370	0.0070	0.0	0.0	0.0800	26.3	21.2	10.1	33.5	5.62	1.81 B	0.2940	8
9	0.1300	0.0060	0.0	0.0	0.1400	25.9	55.3	9.88	34.4	5.09	1.72 B	0.2760	9
10	0.1230	0.0030	0.0	0.0	0.3020	27.6	48.8	9.45	19.6	4.76	1.66 B	0.2590	10
11	0.1180	0.0010	0.0	0.0	0.2420	29.0	31.2	9.89	18.4	4.83	1.58 B	0.2000	11
12	0.1130	0 B	0.0	0.0	0.3000	24.4	22.5	9.86	18.0	4.23	1.61 B	0.2200	12
13	0.1070	0 B	0.0	0.0	0.3800	23.1	17.4	9.88	27.6	3.888	1.48 B	0.2070	13
14	0.1020	0 B	0.0	0.0	0.4850	17.3	14.8	9.53	40.1	3.009	1.36 B	0.1940	14
15	0.0969	0 B	0.0	0.0	0.5700	15.4	13.5	10.8	44.3	2.489	1.31 B	0.1830	15
16	0.0918	0 B	0.0	0.0	0.7300	18.0	13.6	17.9	32.4	2.808	1.26 B	0.1700	16
17	0.0869	0 B	0.0	0.0	0.8800	16.1	13.0	16.8	26.1	3.209	1.18 B	0.1610	17
18	0.0819	0 B	0.0	0.0	1.30 B	24.1	11.6	14.7	20.8	3.388	1.12 B	0.1525	18
19	0.0768	0 B	0.0	0.0	1.70 B	24.0	10.7	13.0	17.1	3.338	1.06 B	0.1438	19
20	0.0718	0 B	0.0	0.0	2.25 B	18.0	9.74	11.8	15.4	3.288	0.9805	0.1388	20
21	0.0678	0 B	0.0	0.0	3.05 B	15.6	10.3	26.2	13.4	3.188	0.9308	0.1288	21
22	0.0638	0 B	0.0	0.0	4.20 B	15.5	11.8	30.2	11.8	3.078	0.8708	0.1318	22
23	0.0598	0 B	0.0	0.0	5.80 B	17.4	10.5	22.6	11.0	3.008	0.8208	0.1158	23
24	0.0558	0 B	0.0	0.0	7.70 B	17.7	9.47	15.5	10.1	2.838	0.7708	0.1088	24
25	0.0518	0 B	0.0	0.0	10.2 B	20.2	12.8	16.4	9.31	2.688	0.7208	0.1048	25
26	0.0488	0 B	0.0	0.0	15.5 B	21.5	13.1	14.1	8.75	2.788	0.8808	0.0988	26
27	0.0448	0 B	0.0	0.0	23.0 B	15.0	30.4	12.8	8.45	2.708	0.8108	0.0949	27
28	0.0408	0 B	0.0	0.0	36.5 B	12.4	38.2	11.7	8.33	2.648	0.8758	0.0888	28
29	0.0378		0.0	0.0	55.0 B	12.2	27.3	11.3	8.70	2.588	0.8408	0.0858	29
30	0.0348		0.0	0.0	80.0 B	17.0	19.3	11.0	8.16	2.498	0.8108	0.0828	30
31	0.0318		0.0		116 A		14.8	10.9		2.428		0.0788	31
TOTAL	3.020	0.142	0	0	377.122	899.4	563.16	426.36	532.99	124.35	38.726	8.469	TOTAL
MEAN	0.097	0.005	0	0	12.2	30.0	17.8	13.8	17.8	4.01	1.32	0.303	MEAN
MAX	0.191	0.027	0	0	116	120	88.3	30.2	44.3	7.88	2.33	0.475	MAX
MIN	0.031	0	0	0	0	12.2	7.07	9.45	8.16	2.42	0.810	0.078	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.12
MAXIMUM DAILY, 120 ON JUN 1
MINIMUM DAILY, 0.0 ON FEB 12
MAXIMUM INSTANTANEOUS,
147 AT 02:20 MST ON JUN 1

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 67 40 37 N
LONG 135 43 05 W
DRAINAGE AREA, 1 280 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	261	JUL	47 800
FEB	12.3	AUG	36 800
MAR	0	SEP	46 100
APR	0	OCT	10 700
MAY	32 800	NOV	3 430
JUN	77 700	DEC	959

TOTAL DISCHARGE, 256 000 dam³

REDSTONE RIVER 63 km ABOVE MOUTH - STATION NO. 10HB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	27.68	23.48	20.38	18.08	3308	888	387	281	187	120	88.08	31.38	1
2	27.48	23.38	20.28	18.08	3088	686	364	262	181	118	83.88	30.88	2
3	27.38	23.28	20.18	18.08	2858	463	821	226	188	118	82.28	30.48	3
4	27.18	23.18	20.08	18.08	270	432	847	262	181	142	80.88	30.18	4
5	27.08	23.08	19.88	18.08	267	872	485	275	180	148	80.08	29.88	5
6	26.88	22.88	19.88	18.18	268	774	432	274	181	132	48.88	28.88	6
7	26.78	22.78	19.78	18.28	322	830	395	285	177	128	47.88	28.08	7
8	26.68	22.68	19.68	18.48	267	883	385	288	180	123	46.78	26.88	8
9	26.48	22.48	19.68	18.88	258	883	371	282	178	121	45.88	26.38	9
10	26.38	22.38	19.48	18.88	339	483	388	247	171	118	44.78	26.08	10
11	26.18	22.28	19.38	19.48	222	493	373	237	188	118	43.88	27.78	11
12	26.08	22.18	19.28	20.08	188	482	362	220	181	118	43.38	27.38	12
13	25.88	22.08	19.18	20.78	148	488	367	225	188	107	42.88	27.08	13
14	25.88	21.88	19.18	21.58	181	884	382	223	188	103	41.08	26.78	14
15	25.68	21.88	18.88	22.48	358	1 8808	342	228	188	98.28	40.28	26.58	15
16	25.38	21.78	18.88	23.88	482	1 3808	324	243	183	84.28	38.78	28.28	16
17	25.28	21.68	18.88	25.08	327	780	288	248	148	80.18	38.18	26.08	17
18	25.18	21.58	18.88	26.48	228	881	277	238	143	88.28	38.48	25.78	18
19	25.08	21.48	18.78	28.38	272	802	272	232	138	82.18	37.78	25.48	19
20	24.88	21.38	18.78	31.08	388	484	262	237	134	80.08	37.08	25.28	20
21	24.68	21.28	18.88	33.18	318	884	283	280	128	77.18	36.48	25.08	21
22	24.78	21.18	18.58	37.08	271	818	282	287	126	74.88	35.88	24.78	22
23	24.58	21.08	18.58	40.08	261	488	278	286	128	72.08	35.28	24.58	23
24	24.38	20.88	18.48	47.08	222	481	268	272	128	69.78	34.78	24.28	24
25	24.28	20.68	18.48	80.08	188	487	247	267	126	67.28	34.28	24.08	25
26	24.18	20.78	18.38	88.08	173	888	258	243	126	65.38	33.78	23.88	26
27	24.08	20.68	18.38	180 B	188	880	248	230	126	63.28	33.28	23.88	27
28	23.88	20.88	18.28	228 B	188	487	248	222	127	61.88	32.78	23.48	28
29	23.78		18.28	318 B	203	383	238	214	126	59.88	32.28	23.28	29
30	23.68		18.18	342 B	288	338	288	208	122	58.18	31.88	23.18	30
31	23.88		18.18		482		285	204		56.88		23.08	31
TOTAL	788.8	613.1	588.8	1 785.8	8 874	18 484	10 384	7 882	4 588	2 958.2	1 237.2	822.1	TOTAL
MEAN	25.4	21.8	19.0	58.8	277	818	334	248	183	88.8	41.2	28.8	MEAN
MAX	27.8	23.4	20.3	342	3308	1 880	847	287	187	148	88.8	31.3	MAX
MIN	23.8	20.8	18.1	18.8	188	338	247	204	122	88.8	31.8	23.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 180
MAXIMUM DAILY, 1 880E ON JUN 18
MINIMUM DAILY, 18.08 ON APR 1
MAXIMUM INSTANTANEOUS,
3 300E AT 14:25 MST ON JUN 15

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 55 32 N
LONG 125 16 02 W
DRAINAGE AREA, 16 400 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	88 200	JUL	885 000
FEB	53 000	AUG	857 000
MAR	51 000	SEP	387 000
APR	153 000	OCT	256 000
MAY	741 000	NOV	107 000
JUN	1 800 000	DEC	71 000

TOTAL DISCHARGE, 5 050 000 dam³

RENGLENG RIVER BELOW HIGHWAY NO. 8 - STATION NO. 10LC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.2528	0.0088	0	0	0 B	28.8	4.78	1.16	1.08	2.19	0.8008	0.2108	1
2	0.2538	0.0038	0	0	0 B	26.8	4.47	1.13	1.08	2.16	0.8888	0.2028	2
3	0.2588	0 B	0	0	0 B	24.7	4.28	1.13	1.08	2.17	0.8388	0.1978	3
4	0.2578	0 B	0	0	0 B	23.0	3.96	1.13	1.10	2.17	0.8088	0.1908	4
5	0.2588	0 B	0	0	0 B	22.1	3.74	1.13	1.10	2.17	0.4888	0.1848	5
6	0.2508	0 B	0	0	0 B	20.8	3.48	1.13	1.11	2.11	0.4838	0.1778	6
7	0.2478	0 B	0	0	0 B	19.8	3.28	1.13	1.12	2.08	0.4508	0.1728	7
8	0.2428	0 B	0	0	0 B	18.5	3.15	1.12	1.12	2.08	0.4348	0.1688	8
9	0.2388	0 B	0	0	0 B	17.2	3.00	1.13	1.12	2.02	0.4208	0.1638	9
10	0.2308	0 B	0	0	0 B	16.0	2.84	1.13	1.13	1.98	0.4088	0.1538	10
11	0.2228	0 B	0	0	0 B	14.8	2.87	1.13	1.13	1.98	0.3888	0.1488	11
12	0.2188	0 B	0	0	0 B	13.8	2.86	1.13	1.19	1.97	0.3638	0.1428	12
13	0.2048	0 B	0	0	0 B	12.6	2.62	1.13	1.27	1.90 B	0.3728	0.1388	13
14	0.1978	0 B	0	0	0 B	11.8	2.32	1.12	1.46	1.86 B	0.3808	0.1288	14
15	0.1888	0 B	0	0	0 B	11.3	2.16	1.12	1.86	1.79 B	0.3608	0.1238	15
16	0.1788	0 B	0	0	0 B	10.6	2.11	1.12	1.77	1.71 B	0.3388	0.1178	16
17	0.1688	0 B	0	0	0 B	10.0	2.14	1.11	1.87	1.62 B	0.3288	0.1118	17
18	0.1588	0 B	0	0	0 B	9.78	2.07	1.11	2.08	1.63 B	0.3208	0.1088	18
19	0.1488	0 B	0	0	0 B	9.68	1.91	1.11	2.17	1.45 B	0.3108	0.0988	19
20	0.1388	0 B	0	0	0 B	9.30	1.83	1.11	2.19	1.39 B	0.3018	0.0938	20
21	0.1288	0 B	0	0	0 B	0.2808	8.84	1.78	1.10	2.18	1.28 B	0.2928	0.0878	21
22	0.1178	0 B	0	0	0 B	0.7808	8.81	1.78	1.10	2.18	1.20 B	0.2838	0.0818	22
23	0.1078	0 B	0	0	0 B	2.23 B	8.18	1.70	1.10	2.05	1.12 B	0.2748	0.0788	23
24	0.0988	0 B	0	0	0 B	4.60 B	7.82	1.78	1.12	2.00	1.04 B	0.2868	0.0708	24
25	0.0888	0 B	0	0	0 B	5.93 B	7.38	1.83	1.15	1.99	0.9708	0.2888	0.0888	25
26	0.0788	0 B	0	0	0 B	15.5 B	6.83	1.88	1.15	2.00	0.8108	0.2608	0.0888	26
27	0.0648	0 B	0	0	0 B	25.2 B	6.38	1.84	1.13	2.08	0.8458	0.2418	0.0648	27
28	0.0638	0 B	0	0	0 B	28.8 B	5.86	1.46	1.12	2.09	0.7858	0.2328	0.0608	28
29	0.0428			0	0 B	30.0 B	5.69	1.37	1.11	2.15	0.7288	0.2268	0.0488	29
30	0.0308			0	0 B	28.8	5.16	1.27	1.10	2.19	0.8808	0.2188	0.0418	30
31	0.0188			0		27.1		1.20	1.08		0.8428		0.0378	31
TOTAL	5.110	0.012	0	0	0	172.180	398.88	78.48	34.78	48.85	48.838	10.872	3.877	TOTAL
MEAN	0.185	0	0	0	0	5.85	13.2	2.47	1.12	1.83	1.57	0.382	0.118	MEAN
MAX	0.287	0.008	0	0	0	30.0	28.8	4.78	1.18	2.19	2.18	0.800	0.210	MAX
MIN	0.018	0	0	0	0	0	5.16	1.20	1.08	1.08	0.842	0.218	0.037	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.16
MAXIMUM DAILY, 30.08 ON MAY 29
MINIMUM DAILY, 08 ON FEB 3
MAXIMUM INSTANTANEOUS,
30.2 AT 17:04 MST ON MAY 29

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 67 48 22 N
LONG 133 50 40 W
DRAINAGE AREA, 1 310 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	443	JUL	8 510
FEB	1.04	AUG	3 000
MAR	0	SEP	4 220
APR	0	OCT	4 180
MAY	14 800	NOV	838
JUN	34 300	DEC	318

TOTAL DISCHARGE, 88 800 dam³

ROOT RIVER NEAR THE MOUTH - STATION NO. 10SA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	15.5 B	7.80B	8.10B	8.70B	418	238	88.8	72.0	76.0E	88.0E	40.0B	21.2B	1
2	14.8 B	7.80B	8.10B	8.00B	332	288	108	83.6	75.0E	88.0E	40.0B	21.4B	2
3	14.1 B	7.70B	8.00B	8.20B	295	304	281	80.5	73.0E	86.0E	39.5B	21.3B	3
4	13.8 B	7.60B	8.00B	8.50B	288	192	312	87.5	71.0E	84.0E	39.0B	21.8B	4
5	12.9 B	7.60B	8.00B	8.80B	2888	151	280	78.7	68.0E	82.0E	38.0B	22.1B	5
6	12.2 B	7.50B	8.00B	10.2 B	2488	810	188	187	88.0E	80.0E	38.0B	21.8B	6
7	11.7 B	7.40B	8.00B	10.8 B	3208	532	162	137	84.0E	88.8A	36.8B	21.3B	7
8	11.4 B	7.30B	8.00B	10.8 B	2008	380	132	110	83.0E	87.3E	38.0B	21.8B	8
9	11.0 B	7.20B	8.00B	11.3 B	1888	318	126	82.0	81.0E	85.7E	37.8B	22.8B	9
10	10.8 B	7.10B	8.00B	11.7 B	1708	277	120	84.8	88.8E	84.2A	36.8B	22.8B	10
11	10.5 B	7.00B	8.00B	12.2 B	1858	228	118	85.4A	88.0E	83.2	35.0B	22.3B	11
12	10.2 B	7.00B	8.00B	13.1 B	1408	182	111	83.0E	87.0E	81.8	34.8B	21.7B	12
13	10.0 B	8.80B	8.00B	13.8 B	128	158	122	78.0E	86.0E	80.3	33.0B	22.8B	13
14	9.80B	8.80B	8.00B	15.5 B	232	140	118	74.0E	85.0E	80.8	32.0B	22.3B	14
15	9.80B	8.80B	8.10B	18.0 B	418	516	88.8	71.0E	84.8E	48.7B	31.0B	22.8B	15
16	9.60B	8.80B	8.20B	21.0 B	440	578	87.8	88.0E	84.0E	32.7B	29.5B	23.0B	16
17	9.50B	8.70B	8.30B	23.5 B	388	338	82.8	85.0E	83.0E	27.0B	28.8B	23.1B	17
18	9.30B	8.60B	8.40B	28.0 B	280	288	78.9	82.0E	82.8E	27.8B	28.8B	22.3B	18
19	9.10B	8.80B	8.50B	29.0 B	273	263	73.1	88.0E	82.0E	28.0B	28.0B	21.8B	19
20	9.00B	8.80B	8.80B	32.0 B	828	227	72.8	81.0E	82.0E	24.0B	28.8B	21.8B	20
21	8.90B	8.60B	8.70B	35.0 B	483	188	72.3	85.0E	82.0E	24.0B	28.0B	21.8B	21
22	8.80B	8.40B	8.60B	38.4 B	338	208	76.2	78.0E	83.8E	21.0B	27.0B	20.8B	22
23	8.40B	8.20B	8.80B	42.8 B	274	202	83.0	78.0E	83.8E	19.8B	27.4B	20.2B	23
24	8.20B	8.20B	7.00B	48.1 B	222	152	78.8	82.0E	84.8E	20.8B	26.8B	20.0B	24
25	8.20B	8.20B	7.10B	88.1 B	188	187	87.0	88.0E	88.0E	21.7B	26.8B	19.8B	25
26	8.10B	8.20B	7.30B	108 B	132	184	78.4	85.0E	87.0E	24.7B	25.0B	19.0B	26
27	8.10B	8.10B	7.50B	107 B	117	187	71.1	83.0E	88.0E	24.8B	25.0B	18.5B	27
28	8.00B	8.10B	7.60B	270 B	108	148	78.8	80.0E	88.0E	28.0B	24.8B	18.2B	28
29	8.00B		8.00B	400 B	108	114	78.1	88.0E	82.0E	27.8B	23.8B	18.0B	29
30	7.90B		8.20B	478 B	128	108	87.8	84.0E	84.0E	28.8B	23.7B	18.0B	30
31	7.80B		8.50B		171		82.1	81.0E		28.0B		17.8B	31
TOTAL	318.10	192.88	204.10	1 802.00	7 760	7 881	3 838.8	2 843.0	1 783.0	1 338.7	952.8	881.3	TOTAL
MEAN	10.2	8.82	8.58	83.4	250	262	114	82.0	88.8	43.2	31.8	21.0	MEAN
MAX	15.5	7.80	8.50	478	828	878	312	187	78.0	88.0	40.0	23.1	MAX
MIN	7.80	8.10	8.00	8.70	108	108	87.0	87.8	82.0	18.8	22.7	17.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 78.8
MAXIMUM DAILY, 878 ON JUN 18
MINIMUM DAILY, 8.00B ON MAR 3
MAXIMUM INSTANTANEOUS,
812 AT 18:38 MST ON JUN 18

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 28 34 N
LONG 133 28 48 W
DRAINAGE AREA, 8 820 km²

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	27 200	JUL	308 000
FEB	18 700	AUG	220 000
MAR	17 600	SEP	188 000
APR	184 000	OCT	118 000
MAY	870 000	NOV	82 300
JUN	852 000	DEC	88 300

TOTAL DISCHARGE, 2 480 000 dam³

NORTHWEST TERRITORIES

SAHNDAA CREEK AT HIGHWAY NO. 1 - STATION NO. 10EC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0368	0.0058	0.0038	0.0028	18.0 B	1.71	1.18	0.878	0.507	0.831	0.2088	0.0888	1
2	0.0328	0.0058	0.0038	0.0028	17.3 B	1.56	0.985	0.698	0.484	0.815	0.1888	0.0888	2
3	0.0308	0.0058	0.0038	0.0028	18.5 B	1.49	0.875	0.618	0.418	0.810	0.1808	0.0848	3
4	0.0288	0.0058	0.0038	0.0028	18.0 B	1.36	0.848	0.748	0.381	0.810	0.1808	0.0848	4
5	0.0248	0.0058	0.0028	0.0028	13.8 E	1.10	0.884	0.705	0.351	0.808	0.1708	0.0838	5
6	0.0228	0.0058	0.0028	0.0028	10.5 E	0.832	0.788	0.701	0.326	0.597	0.1588	0.0838	6
7	0.0208	0.0058	0.0028	0.0028	7.70E	1.27	0.715	0.648	0.318	0.580	0.1448	0.0818	7
8	0.0188	0.0058	0.0028	0.0028	8.40E	4.18	0.844	0.580	0.288	0.580	0.1388	0.0808	8
9	0.0188	0.0058	0.0028	0.0028	8.78A	3.82 E	0.838	0.531	0.278	0.533	0.1238	0.0888	9
10	0.0178	0.0058	0.0028	0.0028	7.30E	3.78 E	0.808A	0.477	0.264	0.522	0.1108	0.0888	10
11	0.0188	0.0058	0.0028	0.0038	8.88E	3.80 E	0.488E	0.426	0.250	0.837	0.1008	0.0888	11
12	0.0158	0.0058	0.0028	0.0038	8.10E	3.44 E	0.488E	0.388	0.238	0.588	0.0928	0.0548	12
13	0.0148	0.0058	0.0028	0.0038	7.38E	3.28 E	0.542E	0.338	0.223	0.587	0.0828	0.0838	13
14	0.0138	0.0048	0.0028	0.0038	8.78E	3.20 E	0.587E	0.286	0.218	0.8028	0.0788	0.0828	14
15	0.0128	0.0048	0.0028	0.0038	11.0 E	4.12	0.820E	0.248	0.208	0.5888	0.0888	0.0808	15
16	0.0118	0.0048	0.0028	0.0038	13.2 E	7.81	0.845E	0.208	0.202	0.5888	0.0878	0.0488	16
17	0.0108	0.0048	0.0028	0.0038	18.0 E	8.11	0.870E	0.198	0.208	0.5588	0.0728	0.0488	17
18	0.0098	0.0048	0.0028	0.0038	16.0 E	8.08	0.894E	0.178	0.210	0.4888	0.0748	0.0448	18
19	0.0088	0.0048	0.0028	0.0038	17.0 E	9.02	0.718A	0.171	0.226	0.4008	0.0788	0.0428	19
20	0.0078	0.0048	0.0028	0.0068	12.5 E	8.97	0.707	0.163	0.222	0.3488	0.0788	0.0408	20
21	0.0068	0.0048	0.0028	0.0138	9.00E	8.48 E	0.770	0.173	0.234	0.3488	0.0788	0.0388	21
22	0.0068	0.0048	0.0028	0.0208	8.70E	7.98 E	1.28	0.263	0.248	0.3488	0.0788	0.0388	22
23	0.0068	0.0038	0.0028	0.0288	8.88E	8.44	1.87	0.814	0.256	0.3488	0.0788	0.0348	23
24	0.0068	0.0038	0.0028	0.0348	8.00E	8.01	1.82	0.801	0.319	0.3488	0.0788	0.0328	24
25	0.0068	0.0038	0.0028	0.0488	5.88E	5.88	1.70	0.831	0.371	0.3488	0.0788	0.0308	25
26	0.0068	0.0038	0.0028	0.0718	3.18E	2.93	1.43	0.782	0.386	0.3488	0.0788	0.0288	26
27	0.0068	0.0038	0.0028	0.7008	2.48E	2.51	1.28	0.743	0.435	0.3488	0.0788	0.0288	27
28	0.0068	0.0038	0.0028	3.80 B	2.88E	2.13	1.19	0.882	0.527	0.3428	0.0748	0.0288	28
29	0.0068		0.0028	17.3 B	2.48E	1.88	1.31	0.880	0.588	0.2388	0.0728	0.0248	29
30	0.0068		0.0028	18.0 B	2.23A	1.44	1.32	0.809	0.618	0.2288	0.0708	0.0228	30
31	0.0068		0.0028		1.84		1.32	0.881		0.2208		0.0208	31
TOTAL	0.428	0.119	0.088	40.888	278.87	126.122	38.421	18.818	9.781	14.480	3.145	1.430	TOTAL
MEAN	0.014	0.004	0.002	1.38	8.00	4.17	0.849	0.633	0.325	0.488	0.108	0.048	MEAN
MAX	0.035	0.008	0.003	18.0	18.0	9.11	1.82	0.878	0.618	0.831	0.208	0.088	MAX
MIN	0.008	0.003	0.002	0.002	1.84	0.832	0.488	0.163	0.202	0.220	0.087	0.020	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.43
MAXIMUM DAILY, 18.08 ON APR 30
MINIMUM DAILY, 0.0028 ON MAR 5

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 03 43 N
LONG 122 12 36 W
DRAINAGE AREA, 281 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	38.8	JUL	2 540
FEB	10.3	AUG	1 430
MAR	8.70	SEP	843
APR	3 530	OCT	1 280
MAY	24 100	NOV	272
JUN	10 800	DEC	124

TOTAL DISCHARGE, 44 900 dam³

SILVERBERRY RIVER NEAR LITTLE DAL LAKE - STATION NO. 10HB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.848	1.00 B	0.7108	0.4858	10.8 B	92.0	42.2	30.0	19.0	9.82	8.088	2.508	1
2	1.878	0.8408	0.7038	0.4878	11.2 B	72.4	51.5	28.4	18.3	9.74	5.758	2.488	2
3	1.808	0.8708	0.6978	0.4788	11.5 B	88.7	58.6	28.7	17.8	10.5	5.488	2.438	3
4	1.738	0.8808	0.6908	0.4718	11.3 B	85.2	57.5	32.4	17.8	9.85	5.208	2.408	4
5	1.858	0.8408	0.6848	0.4838	13.8 B	119	54.6	32.2	17.8	9.12	4.808	2.378	5
6	1.578	0.8208	0.6778	0.4778	13.3 B	103	53.8	31.8	17.6	8.83	4.808	2.348	6
7	1.808	0.8108	0.6718	0.4808	12.4 B	107	52.4	31.3	18.1	9.01	4.488	2.308	7
8	1.488	0.8008	0.6648	0.6308	13.4 B	99.0	58.1	31.3	17.4	8.93	4.288	2.278	8
9	1.438	0.8808	0.6588	0.8008	14.3 B	80.6	60.8	30.3	16.8	8.38	4.158	2.258	9
10	1.408	0.8708	0.6518	1.30 B	11.7 B	81.4	57.3	28.7	16.3	8.36	4.088	2.238	10
11	1.388	0.8508	0.6458	1.88 B	9.858	88.2	58.6	27.7	15.8	7.18	3.808	2.218	11
12	1.328	0.8408	0.6388	2.40 B	9.508	108	74.8	27.2	15.6	7.80	3.808	2.188	12
13	1.288	0.8208	0.6328	2.20 B	9.078	118	84.6	26.8	15.4	7.42	3.708	2.168	13
14	1.248	0.8038	0.6258	2.15 B	11.1 B	218	81.2	27.0	15.0	8.808	3.808	2.138	14
15	1.208	0.7858	0.6198	2.10 B	12.7 B	188	87.8	32.4	14.6	8.008	3.588	1.988	15
16	1.168	0.7848	0.6128	2.10 B	13.5 B	104	48.6	35.2	13.8	7.408	3.488	1.938	16
17	1.158	0.7878	0.6068	2.25 B	10.4 B	78.6	43.1	33.0	13.1	7.308	3.358	1.888	17
18	1.148	0.7818	0.5998	2.34 B	9.808	85.7	38.9	30.6	12.5	7.208	3.308	1.858	18
19	1.138	0.7758	0.5938	2.51 B	10.5 B	81.6	36.8	28.9	12.1	8.808	3.208	1.838	19
20	1.128	0.7688	0.5868	2.55 B	12.4	87.0	38.4	27.9	11.8	8.508	3.158	1.808	20
21	1.118	0.7628	0.5808	2.82 B	11.7	88.1	43.8	26.3	10.8	8.408	3.088	1.778	21
22	1.108	0.7558	0.5738	2.61 B	12.8	72.1	39.1	25.8	11.3	8.208	3.008	1.748	22
23	1.088	0.7488	0.5678	3.83 B	14.5	78.3	34.3	27.4	11.6	8.858	2.958	1.738	23
24	1.068	0.7428	0.5598	5.03 B	14.8	84.0	33.7	26.8	11.4	8.008	2.858	1.718	24
25	1.078	0.7388	0.5518	6.67 B	16.3	123	38.4	25.3	11.2	8.028	2.808	1.688	25
26	1.088	0.7288	0.5438	7.00 B	14.8	98.4	34.3	23.8	11.0	8.048	2.758	1.638	26
27	1.088	0.7238	0.5358	8.10 B	14.7	83.1	33.0	22.2	11.3	8.988	2.708	1.608	27
28	1.048	0.7188	0.5278	10.8 B	18.8	88.3	33.6	21.1	10.8	8.888	2.658	1.588	28
29	1.038		0.5198	12.8 B	27.3	90.1	34.8	20.8	10.5	8.788	2.608	1.558	29
30	1.028		0.5118	13.5 B	58.0	42.7	32.4	20.0	10.1	8.888	2.688	1.538	30
31	1.018		0.5038		61.0		31.6	19.3		8.858		1.508	31
TOTAL	40.11	23.368	18.828	101.382	528.52	2 780.4	1 488.2	883.8	428.1	228.84	111.98	81.48	TOTAL
MEAN	1.28	0.831	0.611	3.38	17.0	92.7	47.4	27.8	14.2	7.39	3.72	1.84	MEAN
MAX	1.84	1.00	0.710	13.5	61.0	218	74.8	35.2	19.0	10.5	8.08	2.80	MAX
MIN	1.01	0.718	0.503	0.483	9.80	42.7	31.8	19.3	10.1	5.78	2.88	1.80	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.2
MAXIMUM DAILY, 218 ON JUN 14
MINIMUM DAILY, 0.483B ON APR 5
MAXIMUM INSTANTANEOUS,
278 AT 18:15 MST ON JUN 14

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 45 55 N
LONG 128 41 32 W
DRAINAGE AREA, 1 420 km²
B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 470	JUL	127 000
FEB	2 010	AUG	74 800
MAR	1 840	SEP	38 000
APR	6 780	OCT	19 800
MAY	45 700	NOV	8 880
JUN	240 000	DEC	5 310

TOTAL DISCHARGE, 576 000 dam³

SIRUAQ CREEK NEAR OUTLET TO KAZAN RIVER - STATION NO. 08LC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	0B	0 B	0.030B	31.0 E	3.34 E	3.78	4.60 B	0.520B	0B	1
2	0B	0B	0B	0B	0 B	0.040B	27.8 E	3.21 E	3.68	4.10 B	0.430B	0B	2
3	0B	0B	0B	0B	0 B	0.060B	25.6	2.98 E	3.68	3.90 B	0.380B	0B	3
4	0B	0B	0B	0B	0 B	0.110B	23.4	2.78 E	3.82	3.70 B	0.310B	0B	4
5	0B	0B	0B	0B	0 B	0.200B	21.4	2.60 E	3.88	3.80 B	0.260B	0B	5
6	0B	0B	0B	0B	0 B	0.320B	19.7	2.45 E	4.08	3.34 B	0.220B	0B	6
7	0B	0B	0B	0B	0 B	0.580B	17.8	2.31 E	4.18	3.18 B	0.180B	0B	7
8	0B	0B	0B	0B	0 B	9.20 B	16.3	2.18 E	4.27	3.00 B	0.150B	0B	8
9	0B	0B	0B	0B	0 B	21.0 B	15.0	2.05 E	4.87	2.84 B	0.100B	0B	9
10	0B	0B	0B	0B	0 B	84.0 B	13.7	1.88 E	5.21	2.71 B	0.090B	0B	10
11	0B	0B	0B	0B	0 B	272 B	12.3	1.78 E	5.88	2.57 B	0.080B	0B	11
12	0B	0B	0B	0B	0 B	233 B	11.3	1.65 E	5.02	2.48 B	0.080B	0B	12
13	0B	0B	0B	0B	0 B	188 E	10.6	1.38 E	5.42	2.36 B	0.080B	0B	13
14	0B	0B	0B	0B	0 B	170 E	9.61	1.25 E	5.44	2.25 B	0.030B	0B	14
15	0B	0B	0B	0B	0 B	144 E	9.19	1.12 E	5.44	2.14 B	0.010B	0B	15
16	0B	0B	0B	0B	0 B	128 E	8.82	1.08 E	5.48	2.08 B	0 B	0B	16
17	0B	0B	0B	0B	0 B	110 E	8.00E	0.970E	5.44	1.83 B	0 B	0B	17
18	0B	0B	0B	0B	0 B	101 E	7.40E	0.930E	5.69	1.61 B	0 B	0B	18
19	0B	0B	0B	0B	0 B	81.7 E	6.88E	0.910E	5.83	1.61 B	0 B	0B	19
20	0B	0B	0B	0B	0 B	63.0 A	6.58E	0.890E	5.86	1.69 B	0 B	0B	20
21	0B	0B	0B	0B	0 B	78.0 E	6.20E	0.910E	5.42	1.48 B	0 B	0B	21
22	0B	0B	0B	0B	0 B	83.0 E	5.87E	0.920E	5.53	1.36 B	0 B	0B	22
23	0B	0B	0B	0B	0 B	83.0 E	5.58E	0.930E	4.67	1.26 B	0 B	0B	23
24	0B	0B	0B	0B	0 B	86.0 E	5.28E	0.950E	5.35	1.15 B	0 B	0B	24
25	0B	0B	0B	0B	0 B	82.5 E	4.82E	1.05 E	5.26	1.08 B	0 B	0B	25
26	0B	0B	0B	0B	0 B	48.2 E	4.70E	1.28 E	4.84	0.980B	0 B	0B	26
27	0B	0B	0B	0B	0 B	43.8 E	4.40E	1.51	5.13	0.900B	0 B	0B	27
28	0B	0B	0B	0B	0 B	40.0 E	4.20E	1.84	5.27	0.820B	0 B	0B	28
29	0B		0B	0B	0 B	36.6 E	3.82E	2.73	5.30	0.780B	0 B	0B	29
30	0B		0B	0B	0 B	33.8 E	3.73E	3.28	4.82B	0.690B	0 B	0B	30
31	0B		0B		0.010B		3.81E	3.88		0.610B		0B	31
					0.020B								
TOTAL	0	0	0	0	0.030	2 160.140	385.07	55.850	153.07	88.540	2.870	0	TOTAL
MEAN	0	0	0	0	0.001	72.0	11.5	1.83	5.27	2.15	0.096	0	MEAN
MAX	0	0	0	0	0.020	272	31.0	3.88	5.88	4.60	0.520	0	MAX
MIN	0	0	0	0	0	0.030	3.81	0.880	3.78	0.610	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.67
MAXIMUM DAILY, 2720 ON JUN 11
MINIMUM DAILY, 0B ON JAN 1

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 30 06 N
LONG 96 31 32 W
DRAINAGE AREA, 1 480 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	30 700
FEB	0	AUG	4 880
MAR	0	SEP	13 700
APR	0	OCT	5 750
MAY	2.88	NOV	248
JUN	187 000	DEC	0

TOTAL DISCHARGE, 242 000 dam³

SLOAN RIVER NEAR THE MOUTH - STATION NO. 10JE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.10 B	0B	0B	0 B	2.18B	12.4	88.2	17.8	8.43	3.83	1.78 B	0.873B	1
2	3.00 B	0B	0B	0 B	2.18A	14.8	82.1	17.3	8.26	3.56	1.61 B	0.841B	2
3	2.80 B	0B	0B	0 B	2.06	17.8	58.8	16.8	8.03	3.54	1.54 B	0.832B	3
4	2.80 B	0B	0B	0 B	1.98	21.2	85.8	16.1	8.02	3.48	1.48 B	0.888B	4
5	2.40 B	0B	0B	0 B	1.90	27.3	83.2	15.6	8.82	3.41	1.48 B	0.882B	5
6	2.20 B	0B	0B	0 B	1.87	38.1	80.8	15.4	8.71	3.38	1.48 B	0.845B	6
7	2.00 B	0B	0B	0 B	1.83	41.1	48.1	14.7	8.83	3.31	1.48 B	0.838B	7
8	1.80 B	0B	0B	0 B	1.81	45.3	46.8	14.2	8.28	3.23	1.48 B	0.827B	8
9	1.80 B	0B	0B	0 B	1.82	47.6	43.3	13.8	8.19	3.15	1.48 B	0.818B	9
10	1.40 B	0B	0B	0 B	1.83	49.1	40.8	13.4	8.09	3.14	1.43 B	0.809B	10
11	1.20 B	0B	0B	0.100B	1.88	52.8	38.7	12.8	8.04	3.13	1.38 B	0.800B	11
12	1.00 B	0B	0B	0.200B	1.89	57.5	37.0	12.5	4.88	3.11	1.36 B	0.790B	12
13	0.800B	0B	0B	0.420B	1.82	62.3	35.8	12.1	4.89	3.08	1.35 B	0.780B	13
14	0.600B	0B	0B	0.820B	1.80	69.4	34.8	11.8	4.78	3.05	1.34 B	0.770B	14
15	0.400B	0B	0B	0.830B	1.81	76.1	33.8	11.4	4.88	3.03	1.31 B	0.760B	15
16	0.200B	0B	0B	0.880B	2.03	81.7	32.4	10.9	4.57	2.98	1.28 B	0.750B	16
17	0.100B	0B	0B	0.900B	1.97	88.2	31.1	10.8	4.54	2.93	1.24 B	0.740B	17
18	0 B	0B	0B	0.930B	1.82	90.6	30.1	10.3	4.51	2.88	1.23 B	0.730B	18
19	0 B	0B	0B	0.850B	1.88	93.8	29.0	9.93	4.47	2.80	1.20 B	0.720B	19
20	0 B	0B	0B	1.00 B	1.80	95.3	28.9	9.80	4.23	2.71	1.17 B	0.710B	20
21	0 B	0B	0B	1.10 B	1.83	95.8	28.8	9.80	4.11	2.888	1.07 B	0.700B	21
22	0 B	0B	0B	1.20 B	1.80	94.5	25.0	9.28	4.04	2.828	1.14 B	0.890B	22
23	0 B	0B	0B	1.40 B	1.88	93.1	24.1	8.87	3.90	2.888	1.13 B	0.880B	23
24	0 B	0B	0B	1.70 B	2.08	90.4	23.2	8.53	3.84	2.428	1.08 B	0.870B	24
25	0 B	0B	0B	1.90 E	2.01	86.7	22.4	8.18	3.77	2.448	1.04 B	0.860B	25
26	0 B	0B	0B	2.03 E	1.87	84.3	21.8	7.88	3.89	2.418	1.00 B	0.850B	26
27	0 B	0B	0B	2.08 E	2.02	81.0	20.8	7.57	3.48	2.288	0.9548	0.8408	27
28	0 B	0B	0B	2.14 E	2.31	77.3	19.8	7.27	3.60	2.188	0.9308	0.8308	28
29	0 B		0B	2.18 E	3.87	73.8	19.0	7.08	3.88	2.128	0.9108	0.8208	29
30	0 B		0B	2.20 E	8.78	89.7	18.4	7.04	3.84	1.988	0.8788	0.8108	30
31	0 B		0B		9.82		18.2	8.70		1.818		0.8008	31
TOTAL	27.200	0	0	24.780	73.47	1 933.4	1 091.8	386.03	141.38	88.13	38.888	23.192	TOTAL
MEAN	0.877	0	0	0.825	2.37	64.1	35.2	11.5	4.71	2.87	1.28	0.748	MEAN
MAX	3.10	0	0	2.20	9.82	95.8	88.2	17.8	8.43	3.83	1.81	0.882	MAX
MIN	0	0	0	0	1.83	12.4	18.2	8.70	3.48	1.81	0.878	0.800	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.4
MAXIMUM DAILY, 95.8 ON JUN 21
MINIMUM DAILY, 0B ON JAN 16
MAXIMUM INSTANTANEOUS,
98.1 AT 20:22 MST ON JUN 21

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 31 19 N
LONG 117 16 26 W
DRAINAGE AREA, 2 040 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 350	JUL	84 300
FEB	0	AUG	30 700
MAR	0	SEP	12 200
APR	2 100	OCT	7 700
MAY	8 380	NOV	3 330
JUN	188 000	DEC	2 000

TOTAL DISCHARGE, 327 000 dam³

NORTHWEST TERRITORIES

SNARE RIVER BELOW GHOST RIVER - STATION NO. 07SA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	54.1	38.7	30.1	23.8	20.1	28.7	70.3	99.9	85.2	66.8	61.1	55.1	1
2	53.9	38.4	29.8	23.4	20.1	30.1	72.5	101	84.5	66.9	60.7	55.0	2
3	53.1	38.2	29.7	23.1	20.2	30.7	74.8	101	84.1	66.9	60.6	55.2	3
4	53.4	38.1	29.4	22.9	20.0	31.0	77.5	100	83.3	66.4	60.6	54.9	4
5	51.4	39.0	29.1	23.0	20.1	31.3	79.8	99.8	82.8	66.2	60.8	54.2	5
6	50.5	38.6	29.1	22.8	20.3	31.8	81.5	98.9	82.3	67.9	61.2	53.4	6
7	50.3	38.0	29.2	22.7	20.5	32.3	83.5	98.6	81.7	67.1	60.8	53.4	7
8	50.0	37.6	28.7	22.6	20.6	32.7	85.2	98.9	80.8	66.8	60.7	53.5	8
9	49.3	37.5	28.4	22.4	21.0	33.2	86.6	98.6	79.4	66.6	60.3	52.2	9
10	48.8	37.5	28.1	22.3	21.1	33.8	88.1	98.3	78.1	66.6	60.3	51.8	10
11	48.7	37.2	27.8	22.1	21.5	34.8	89.8	97.7	77.8	66.6	60.3	51.6	11
12	48.7	36.8	27.9	21.9	21.7	35.5	91.4	97.2	77.4	66.3	60.0	51.6	12
13	48.1	36.1	27.7	21.7	22.0	36.2	93.0	96.7	77.1	66.8	59.6	51.6	13
14	47.0	35.5	27.4	21.7	22.8	36.8	94.8	96.2	76.8	66.6	59.0	51.4	14
15	46.3	35.2	27.0	21.2	23.2A	37.6	96.3	95.2	76.3	66.3	58.8	51.0	15
16	46.0	34.7A	26.8	20.9	23.5A	38.6	96.8	94.6	75.0	66.0	58.6	50.5	16
17	45.8	33.0	26.7	20.6	23.8	39.6	96.7	93.8	74.1	64.8	58.7	50.0	17
18	46.4	32.4	26.6	20.7	24.2	41.2	96.6	93.3	73.4	64.7	58.8	49.6	18
19	44.7	32.8	26.3	20.8	24.7	42.7	96.7	93.2	72.3	64.6	58.6	49.6A	19
20	44.3	32.8	26.1	20.4	25.4	44.4	96.7	93.0	71.3	64.6	58.1	49.3E	20
21	44.3	32.3	25.9	20.3	25.8	46.2	96.6	92.4	70.6	64.7	57.3	48.8E	21
22	43.4	32.0	25.8	20.3	26.3	48.0	97.3	92.1	70.4	64.6	57.0	48.8E	22
23	42.6	31.8	25.5	20.1	26.8	50.0	97.6	91.9	70.0	64.2	56.6	48.1E	23
24	42.5	31.5	25.1	20.0	25.8	52.2	97.8	91.3	69.5	63.6	56.5	47.6E	24
25	42.4	31.1	24.8	19.8	27.1	54.2	98.2	90.6	69.0	63.3	56.3	47.4E	25
26	42.6	31.0	24.7	19.8	27.3	56.4	98.6	89.6	68.4	62.7	56.0	47.1E	26
27	42.2	30.7	24.4	19.8	27.7	58.2	98.9	88.6	68.2	63.7	55.7	46.7E	27
28	41.5	30.3	24.4	20.1	28.1	62.1	100	87.8	68.0	63.0	55.6	46.4E	28
29	41.3		24.3	20.1	28.8	64.8	101	87.1	67.8	63.3	55.5	46.0E	29
30	40.8		24.1	20.1	29.0	67.8	101	86.1	67.1	62.8	55.4	45.7E	30
31	40.0		24.1		29.3		100	85.9		62.0		45.2E	31
TOTAL	1 442.3	983.0	839.0	641.8	738.4	1 285.1	2 828.8	2 831.3	2 282.2	2 017.4	1 780.0	1 681.0	TOTAL
MEAN	46.5	35.1	25.9	21.4	23.8	42.2	91.3	94.8	76.4	65.1	58.7	50.4	MEAN
MAX	54.1	39.7	30.1	23.8	29.3	67.8	101	101	85.2	66.4	61.2	55.2	MAX
MIN	40.0	30.3	24.1	19.8	20.0	28.7	70.3	85.9	67.1	58.7	55.4	45.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 52.8
MAXIMUM DAILY, 101 ON JUL 29
MINIMUM DAILY, 19.8 ON APR 25
MAXIMUM INSTANTANEOUS,
101 AT 07:30 MST ON JUL 29

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 56 30 N
LONG 115 26 02 W
DRAINAGE AREA, 13 300 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	125 000	JUL	244 000
FEB	84 800	AUG	283 000
MAR	72 100	SEP	198 000
APR	55 400	OCT	174 000
MAY	63 800	NOV	152 000
JUN	109 000	DEC	135 000

TOTAL DISCHARGE, 1 880 000 dam³

SNOWDRIFT RIVER AT OUTLET OF SILTAZA LAKE - STATION NO. 07QE002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	23.8B	16.0B	12.4B	10.5B	10.8B	127	81.8	74.1	68.8	78.2	48.8	28.7B	1
2	23.6B	15.8B	12.3B	10.5B	10.7	126	80.5	74.0	68.7	77.8	47.6B	28.7B	2
3	23.3B	15.8B	12.3B	10.4B	11.1	127	87.2	72.5	70.5	77.7	46.6B	28.3B	3
4	22.9B	15.7B	12.2B	10.8B	11.7	128	85.6	72.0	71.2	77.5	46.6B	28.6B	4
5	22.6B	15.7B	12.2B	10.4B	12.3	133	83.8	70.9	70.8	78.7	46.1B	28.2B	5
6	22.2B	15.4B	12.0B	10.4B	12.1	137	83.2	69.8	70.5	78.6	45.0B	27.9B	6
7	22.0B	15.2B	11.9B	10.4B	14.3	142	80.8	68.6	71.3	76.9	45.8B	27.4B	7
8	21.7B	15.2B	11.8B	10.4B	16.0	147	78.7	67.6	71.2	76.5	45.4B	27.0B	8
9	21.3B	15.2B	11.7B	10.3B	18.8	148	78.1	68.3	71.1	74.1	44.8B	26.8B	9
10	21.0B	15.1B	11.7B	10.3B	22.1	148	78.0	69.2	70.7	74.8	44.2B	26.1B	10
11	20.8B	15.1B	11.6B	10.3B	26.7	147	74.0	84.3	71.5	72.4	43.8B	25.7B	11
12	20.7B	15.1B	11.4B	10.3B	31.1	145	72.2	82.6	72.5	71.7	42.6B	25.6B	12
13	20.2B	14.9B	11.3B	10.3B	35.6	143	71.0	81.3	74.0	71.3	42.3B	25.2B	13
14	19.9B	14.9B	11.3B	10.4B	43.2	141	69.5	80.6	75.4	70.1	41.7B	24.7B	14
15	19.6B	14.8B	11.2B	10.3B	58.6	140	67.8	80.0	76.8	68.2	40.9B	24.3B	15
16	19.8B	14.8B	11.1B	10.3B	78.3	141	68.3	88.6	78.3	67.4	40.3B	23.9B	16
17	19.3B	14.3B	11.1B	10.3B	106	139	68.3	89.5	78.6	66.8	39.4B	23.7B	17
18	19.0B	14.0B	11.0B	10.3B	131	138	68.5	87.7	78.8	66.8	39.0B	23.3B	18
19	18.6B	14.0B	10.9B	10.3B	148	135	69.3	86.8	79.8	66.8	38.1B	23.0B	19
20	18.7B	13.6B	10.8B	10.3B	158	133	69.0	86.6	79.7	66.2	37.2B	22.4B	20
21	18.2B	13.6B	10.9B	10.3B	170	126	69.8	86.3	80.3	65.2	36.6B	22.0B	21
22	17.8B	13.6B	10.8B	10.2B	178	122	69.8	86.0	80.2	64.3	35.6B	21.7B	22
23	17.6B	13.4B	10.7B	10.3B	168	118	69.6	85.6	80.3	62.6	34.6B	21.3B	23
24	17.2B	13.2B	10.8B	10.3B	156	114	68.1	87.4	80.4	61.2	34.4B	20.8B	24
25	17.1B	13.0B	10.8B	10.2B	177	108	67.8	86.6	80.1	61.1	33.4B	20.6B	25
26	17.1B	12.9B	10.8B	10.3B	170	105	68.4	80.5	78.8	58.0	32.6B	20.3B	26
27	17.0B	13.0B	10.8B	10.2B	162	102	70.7	81.1	78.3	56.8	31.7B	19.8B	27
28	16.6B	12.6B	10.8B	10.2B	155	98.4	71.4	82.6	78.0	44.0	31.1B	19.5B	28
29	16.5B		10.8B	10.2B	148	95.1	71.4	84.7	78.4	41.6	30.4B	19.1B	29
30	16.4B		10.6B	10.3B	140	92.6	72.5	86.0	78.0	42.0	30.4B	18.6B	30
31	16.2B		10.5B		133		73.7	87.4		44.3		18.0B	31
TOTAL	609.4	408.8	350.4	309.8	3 786.3	3 648.1	2 283.8	1 987.4	2 288.8	2 047.4	1 184.7	744.6	TOTAL
MEAN	19.7	14.6	11.3	10.3	68.0	128	73.0	82.5	75.7	66.0	38.8	24.0	MEAN
MAX	23.8	16.0	12.4	10.8	168	148	81.8	74.1	80.4	78.2	47.6	28.7	MAX
MIN	16.2	12.6	10.5	10.2	10.6	92.6	68.0	86.0	68.8	41.6	30.4	18.6	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 81.4
MAXIMUM DAILY, 168 ON MAY 23
MINIMUM DAILY, 10.2B ON APR 22
MAXIMUM INSTANTANEOUS,
182 AT 18:07 MST ON MAY 23

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 10 21 N
LONG 109 51 38 W
DRAINAGE AREA, 8 110 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	82 700	JUL	188 000
FEB	35 000	AUG	170 000
MAR	30 300	SEP	186 000
APR	25 700	OCT	177 000
MAY	238 000	NOV	103 000
JUN	332 000	DEC	64 300

TOTAL DISCHARGE, 1 830 000 dam³

SOUTH NAHANNI RIVER ABOVE CLAUDEN CREEK - STATION NO. 10EC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	83.00	88.70	87.30	83.40	8080	1 430	978	524	402	380	1080	88.40	1
2	88.10	88.00	87.80	82.10	8080	1 470	974	519	388	353	1080	88.70	2
3	88.00	88.00	88.00	82.00	7080	1 320	788	508	388	344	1080	88.80	3
4	88.80	88.10	87.20	81.40	726	1 180	868	510	380	341	1180	87.30	4
5	84.80	88.00	88.80	80.70	7808	1 270	867	508	371	341	1240	88.30	5
6	83.40	88.00	88.80	80.00	7806	1 870	784	503	384	341	1310	81.80	6
7	83.80	84.30	88.80	80.00	833	1 870	728	508	381	337	1308	82.80	7
8	81.80	84.30	87.30	82.00	784	1 810	727	528	388	332	1288	81.70	8
9	80.30	84.30	88.30	88.00	1 130	1 480	728	542	381	327	1288	80.30	9
10	78.00	84.80	88.70	88.00	1 130	1 280	773	538	340	330	1338	80.30	10
11	78.00	88.40	88.30	72.00	888	1 180	820	517	338	328	1148	88.80	11
12	77.00	88.00	88.40	71.00	842	1 220	828	504	332	321	1148	87.30	12
13	78.30	84.00	88.80	73.00	822	1 240	804	503	333	320	1108	87.80	13
14	78.80	84.00	87.30	78.00	788	1 310	780	504	318	318	1088	83.80	14
15	78.00	83.80	87.80	78.30	767	2 380	768	508	307	302	1078	81.80	15
16	74.00	83.30	88.70	80.80	782	2 810	738	500	298	180	1088	83.00	16
17	73.30	82.80	88.70	81.40	830	1 740	887	483	288	1238	1088	82.40	17
18	72.80	82.70	87.80	82.30	881	1 200	847	528	281	1208	1088	81.40	18
19	71.80	82.40	88.10	82.80	780	1 030	821	488	271	1248	1088	80.70	19
20	71.30	83.00	87.80	88.40	881	832	818	490	284	1288	1088	80.70	20
21	70.00	83.40	88.80	83.30	838	887	840	514	280	1438	1088	78.80	21
22	70.20	83.00	88.20	101 S	880	888	883	507	262	1878	1088	78.40	22
23	88.70	82.80	88.30	118 S	882	880	718	503	249	1708	1078	78.30	23
24	88.10	82.10	88.80	184 S	708	883	708	488	281	1868	1088	77.70	24
25	88.70	80.00	88.30	188 S	737	828	872	488	288	1878	1088	77.40	25
26	88.70	88.80	88.80	202 S	788	1 010	848	488	283	1818	1108	77.80	26
27	88.20	88.80	88.80	288 S	803	1 010	822	432	282	1488	1088	77.30	27
28	87.80	87.40	88.80	310 S	781	818	883	423	287	1388	1078	78.80	28
29	87.70		82.30	380 S	778	821	873	418	287	1308	1048	78.00	29
30	87.20		83.30	800 S	885	742	880	412	284	1218	1038	78.80	30
31	87.80		82.70		1 180		841	410		1138		78.00	31
TOTAL	2 347.0	1 777.8	1 804.8	3 882.7	24 907	37 838	21 883	15 488	9 284	5 739	3 382	2 831.8	TOTAL
MEAN	75.7	83.5	88.2	133	803	1 280	708	488	308	185	113	84.8	MEAN
MAX	82.0	88.8	83.3	800	1 180	2 810	988	580	403	280	131	88.4	MAX
MIN	87.2	87.4	88.7	80.0	888	742	841	410	248	113	102	78.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 388
MAXIMUM DAILY, 2 810 ON JUN 18
MINIMUM DAILY, 88.78 ON MAR 10
MAXIMUM INSTANTANEOUS,
2 780 AT 22:31 MST ON JUN 18

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 81 18 19 N
LONG 124 03 28 W
DRAINAGE AREA, 31 100 km²

8 - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	303 000	JUL	1 880 000
FEB	184 000	AUG	1 340 000
MAR	188 000	SEP	802 000
APR	318 000	OCT	488 000
MAY	2 180 000	NOV	380 000
JUN	3 370 000	DEC	237 000

TOTAL DISCHARGE, 11 300 000 dam³

SOUTH NAHANNI RIVER ABOVE VIRGINIA FALLS - STATION NO. 10ED001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	38.80	35.00	29.80	29.80	87.30	1 240	418	313	228	128	88.40	80.30	1
2	38.30	34.70	28.30	28.80	114 S	1 230	418	312	214	119	88.00	80.10	2
3	38.20	34.00	28.60	28.70	128 S	1 010	808	318	208	117	88.80	80.00	3
4	38.10	33.80	28.80	28.70	147 S	828	841	318	188	118	88.10	80.00	4
5	38.00	34.00	28.20	30.10	182 S	1 140	478	313	182	123	81.40	48.80	5
6	38.00	34.80	29.80	28.80	210 S	1 380	438	305	183	124	83.30	48.10	6
7	38.70	34.80	28.80	30.00	240 S	1 300	440	311	181	120	83.40	48.80	7
8	38.60	34.80	30.00	38.80	284 S	1 180	440	332	181	117	81.10	48.80	8
9	38.30	33.20	28.80	30.00	373	1 080	481	320	178	118	84.80	48.30	9
10	38.10	33.10	30.00	30.20	427	810	478	318	188	117	88.00	48.10	10
11	38.40	32.80	28.80	30.80	470	988	508	308	188	118	84.00	48.80	11
12	38.10	32.70	28.80	31.80	488	982	512	310	178	113	82.00	48.80	12
13	38.00	32.80	28.80	32.00	383	1 080	508	318	180	110	81.00	48.10	13
14	38.10	32.70	28.60	31.80	318	1 280	803	317	188	107	80.00	47.80	14
15	37.80	32.70	28.20	31.30	281	2 140	488	321	183	93.2	49.80	47.00	15
16	37.30	31.40	28.40	31.00	282	1 780	480	318	148	73.30	49.00	48.80	16
17	37.80	31.40	28.60	30.30	358	888	432	303	141	88.00	48.80	48.00	17
18	37.80	30.80	28.60	28.80	388	764	384	282	138	82.00	48.00	48.80	18
19	37.40	28.80	30.10	28.80	341	685	377	288	130	88.00	48.80	48.80	19
20	37.40	30.00	28.80	30.10	308	837	388	282	131	78.80	81.30	48.30	20
21	37.30	30.40	28.70	30.30	331	817	381	280	124	84.30	83.40	48.00	21
22	37.20	30.80	28.70	28.80	381	818	380	268	118	88.10	83.80	44.80	22
23	36.40	30.30	28.60	28.80	418	887	408	268	118	84.80	83.70	44.30	23
24	36.00	30.20	28.80	28.40	482	848	348	263	120	87.30	83.20	44.00	24
25	38.30	30.80	28.80	31.40	488	810	374	240	128	88.80	82.30	43.80	25
26	38.80	30.40	28.60	35.80	847	722	371	232	124	82.80	81.80	43.40	26
27	38.80	30.80	28.20	40.80	871	881	388	230	120	77.80	81.80	42.00	27
28	37.20	30.00	28.10	48.80	828	882	348	228	122	88.80	81.10	42.80	28
29	37.00		28.70	50.70	841	817	340	228	132	88.80	80.80	42.80	29
30	38.80		28.00	78.10	848	482	330	231	133	80.80	80.80	42.20	30
31	38.00		29.30		840		319	228		80.40		42.00	31
TOTAL	1 188.2	902.2	913.3	1 022.0	11 808.2	28 088	13 181	8 903	4 888	2 938.4	1 821.8	1 444.8	TOTAL
MEAN	37.7	32.2	28.4	34.1	373	938	424	287	187	84.8	84.1	48.8	MEAN
MAX	38.8	38.0	30.1	78.1	840	2 140	841	332	228	128	83.4	48.8	MAX
MIN	38.0	29.8	28.8	28.4	87.2	482	319	228	118	88.8	48.8	42.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 208
MAXIMUM DAILY, 2 140 ON JUN 18
MINIMUM DAILY, 28.80 ON MAR 12
MAXIMUM INSTANTANEOUS,
2 280 AT 18:01 MST ON JUN 18

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 81 38 33 N
LONG 128 48 13 W
DRAINAGE AREA, 14 800 km²

8 - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	181 000	JUL	1 140 000
FEB	78 000	AUG	788 000
MAR	78 800	SEP	408 000
APR	88 300	OCT	384 000
MAY	888 000	NOV	140 000
JUN	2 420 000	DEC	128 000

TOTAL DISCHARGE, 8 800 000 dam³

SYLVIA GRINNELL RIVER NEAR IQALUIT - STATION NO. 10UN001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0	0.0	0.0	0.0	0.0	0.0 B	434	70.4	83.6	17.1 B	5.388	2.04 B	1
2	0.0	0.0	0.0	0.0	0.0	0.0 B	435	82.3	83.1	16.4 B	5.103	1.86 B	2
3	0.0	0.0	0.0	0.0	0.0	0.0 B	378	102 A	81.7	15.6 B	4.888	1.81 B	3
4	0.0	0.0	0.0	0.0	0.0	0.0 B	886	104 A	48.7	15.3 B	4.758	1.86 B	4
5	0.0	0.0	0.0	0.0	0.0	0.0 B	382	81.4	47.0	14.7 B	4.588	1.78 B	5
6	0.0	0.0	0.0	0.0	0.0	0.0808	380	83.8A	44.8	14.3 B	4.428	1.70 B	6
7	0.0	0.0	0.0	0.0	0.0	0.0798	368	78.8E	43.7	13.7 B	4.268	1.63 B	7
8	0.0	0.0	0.0	0.0	0.0	0.1308	330	73.0E	41.8	13.1 B	4.108	1.86 B	8
9	0.0	0.0	0.0	0.0	0.0	0.2008	188	88.2A	40.8	12.7 B	3.948	1.48 B	9
10	0.0	0.0	0.0	0.0	0.0	0.3008	180	71.3	38.7	12.2 B	3.788	1.40 B	10
11	0.0	0.0	0.0	0.0	0.0	0.4208	165	72.1	37.4	11.8 B	3.678	1.34 B	11
12	0.0	0.0	0.0	0.0	0.0	0.5208	144	70.4	35.9	11.3 B	3.588	1.27 B	12
13	0.0	0.0	0.0	0.0	0.0	0.6788	131	86.6	34.1	10.9 B	3.448	1.21 B	13
14	0.0	0.0	0.0	0.0	0.0	2.03 B	120	82.1	33.2	10.5 B	3.338	1.14 B	14
15	0.0	0.0	0.0	0.0	0.0	3.36 B	116	89.7	32.0	10.1 B	3.228	1.08 B	15
16	0.0	0.0	0.0	0.0	0.0	5.80 B	109	87.3	31.8	9.708	3.138	1.04 B	16
17	0.0	0.0	0.0	0.0	0.0	8.30 B	88.1	88.5	30.9	9.308	3.048	0.9828	17
18	0.0	0.0	0.0	0.0	0.0	14.5 B	81.5	70.0	28.5	8.958	2.888	0.9488	18
19	0.0	0.0	0.0	0.0	0.0	24.5 B	87.1	67.6	27.4	8.858	2.888	0.8048	19
20	0.0	0.0	0.0	0.0	0.0	34.0 B	88.0	127	28.6	8.308	2.778	0.8808	20
21	0.0	0.0	0.0	0.0	0.0	83.0 B	84.3	127	27.7	8.008	2.708	0.8328	21
22	0.0	0.0	0.0	0.0	0.0	100 B	81.0	101	26.4	7.708	2.628	0.7848	22
23	0.0	0.0	0.0	0.0	0.0	178 B	78.8	90.5	25.7A	7.458	2.558	0.7488	23
24	0.0	0.0	0.0	0.0	0.0	247 B	76.6	83.8	25.3A	7.158	2.478	0.7088	24
25	0.0	0.0	0.0	0.0	0.0	384 A	84.8	77.5	23.7	6.908	2.408	0.6708	25
26	0.0	0.0	0.0	0.0	0.0	388	84.5	71.8	22.6	6.858	2.348	0.6428	26
27	0.0	0.0	0.0	0.0	0.0	380	88.5	88.5	21.0E	6.408	2.288	0.6128	27
28	0.0	0.0	0.0	0.0	0.0	388	77.4	81.1	20.0E	6.158	2.238	0.5888	28
29	0.0		0.0	0.0	0.0	400	71.3	88.3	18.8E	5.908	2.178	0.5678	29
30	0.0		0.0	0.0	0.0	413	87.8	87.0A	18.0E	5.658	2.118	0.5288	30
31	0.0		0.0		0.0		83.1	88.8		5.588		0.5008	31
TOTAL	0	0	0	0	0	3 040.045	6 387.0	2 417.6	1 018.4	318.39	101.13	35.259	TOTAL
MEAN	0	0	0	0	0	101	174	78.0	33.9	10.3	3.37	1.14	MEAN
MAX	0	0	0	0	0	413	886	127	83.6	17.1	5.38	2.04	MAX
MIN	0	0	0	0	0	0	83.1	88.6	18.0	5.88	2.11	0.500	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 33.7
MAXIMUM DAILY, 886 ON JUL 4
MINIMUM DAILY, 0.0 ON JAN 1
MAXIMUM INSTANTANEOUS,
862 AT 15:04 EST ON JUL 4

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 45 38 N
LONG 68 35 02 W
DRAINAGE AREA, 3 980 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	485 000
FEB	0	AUG	209 000
MAR	0	SEP	87 800
APR	0	OCT	27 500
MAY	0	NOV	6 740
JUN	282 000	DEC	3 080

TOTAL DISCHARGE, 1 080 000 dam³

TALTSON RIVER ABOVE PORTER LAKE OUTFLOW - STATION NO. 07QD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	46.0B	33.4B	25.1B	21.7B	24.0E	144E	103	72.2A	64.0	71.2	82.8E	40.0E	1
2	45.1B	32.1B	24.9B	21.7B	26.0E	145E	100	73.6E	63.5	70.6	83.4E	39.0E	2
3	44.7B	32.8B	24.7B	21.6B	27.2E	148E	97.4	78.2E	64.1	70.5	82.2E	39.2E	3
4	44.2B	32.6B	24.6B	21.8B	29.0E	144E	94.5	74.1E	64.5	70.3	80.4E	38.4E	4
5	43.6B	33.2B	24.3B	21.8B	31.0E	143E	92.2	73.0E	66.5	71.1	88.7E	38.4E	5
6	43.3B	31.8B	24.1B	21.6B	33.0E	141E	91.1	72.0E	69.4	70.0	87.1E	38.0E	6
7	42.8B	31.6B	24.0B	21.6B	35.2E	138A	88.2	71.0E	66.1	69.0	86.1E	36.6E	7
8	42.4B	31.3B	23.6B	21.6B	37.8E	140	87.6	69.8E	68.6	69.4	85.0E	36.4E	8
9	42.0B	30.8B	23.6B	21.4B	40.0E	137	86.7	68.2E	68.6	69.3	84.1E	37.0E	9
10	41.6B	30.6B	23.4B	21.4B	42.2E	138	83.6	66.0E	67.8	68.6	83.3E	37.4E	10
11	41.0B	30.3B	23.2B	21.4B	44.0E	136	82.5	65.4E	68.0	68.5	82.4E	36.8E	11
12	40.6B	30.0B	23.0B	21.4B	46.6E	134	80.8	63.8E	70.2	68.5	81.6E	36.6E	12
13	40.0B	29.7B	22.9B	21.3B	52.2E	133	78.6	62.0E	70.1	68.3	81.2E	36.1E	13
14	39.6B	29.4B	22.6B	21.3B	58.0E	131	79.1	60.0E	70.4	68.3	80.3E	35.7E	14
15	39.3B	29.1B	22.7B	21.3B	59.0E	126	77.1	58.6E	71.2	67.7	49.2B	35.3B	15
16	38.9B	28.8B	22.6B	21.3B	63.0E	128	75.8	57.4E	71.5	67.3	48.1B	35.0B	16
17	38.6B	28.6B	22.6B	21.2B	67.0E	126	74.5	56.0E	71.9	66.9	47.3B	34.7B	17
18	38.2B	28.3B	22.4B	21.2B	72.0E	137	73.3	54.0E	70.7	66.1	46.6B	34.4B	18
19	37.8B	28.0B	22.3B	21.2B	77.0E	128	73.4	55.4E	70.4	65.5	46.2B	34.1B	19
20	37.5B	27.7B	22.2B	21.2B	82.0E	126	71.3	55.0E	70.7	65.5	45.8B	33.8B	20
21	37.1B	27.4B	22.1B	21.2B	87.0E	122	71.2	54.8E	71.0	64.5	45.2B	33.5B	21
22	36.8B	27.1B	22.1B	21.3B	94.0E	121	71.6	54.8E	69.4	64.0	44.7B	33.1B	22
23	36.4B	26.8B	22.0B	21.3B	100 E	119	74.7	54.8E	69.6	63.2	44.3B	32.8B	23
24	36.1B	26.6B	22.0B	21.3B	110 E	118	75.5	55.4E	70.5	62.6	43.9B	32.4B	24
25	35.7B	26.3B	21.9B	21.4B	117 E	114	75.0	56.4E	69.7	62.4	43.4B	32.0B	25
26	35.4B	26.0B	21.8B	21.5E	124 E	113	74.3	56.0E	69.6	61.6	42.9B	31.7B	26
27	35.0B	25.7B	21.8B	21.7E	128 E	110	74.0	56.4E	70.1	61.1	42.2B	31.4B	27
28	34.7B	25.4B	21.8B	22.1B	133 E	108	73.4	61.4E	70.6	62.6	41.4B	31.0B	28
29	34.3B		21.8B	22.6E	137 E	108	73.6	63.0A	71.0	67.6	40.8B	30.7B	29
30	34.1B		21.7B	23.0E	140 E	104	74.2	63.5	71.3	66.8B	40.6B	30.4B	30
31	33.8B		21.7B		143 E		73.5	64.0		66.8B		30.1B	31
TOTAL	1 216.4	821.4	709.6	648.5	2 284.0	3 842	2 802.6	1 853.0	2 070.5	2 016.7	1 801.3	1 080.3	TOTAL
MEAN	39.2	29.3	22.9	21.8	73.0	128	80.7	62.0	69.0	65.1	60.0	35.2	MEAN
MAX	46.0	33.4	25.1	23.0	143	145	102	78.2	71.5	71.2	83.4	40.0	MAX
MIN	33.8	25.4	21.7	21.2	24.0	104	71.2	54.8	63.6	44.8	40.6	30.1	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 58.5
MAXIMUM DAILY, 145E ON JUN 2
MINIMUM DAILY, 21.2B ON APR 17

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 52 30 N
LONG 107 40 30 W
DRAINAGE AREA, 12 600 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	105 000	JUL	218 000
FEB	71 000	AUG	148 000
MAR	61 300	SEP	178 000
APR	56 500	OCT	174 000
MAY	198 000	NOV	130 000
JUN	332 000	DEC	94 200

TOTAL DISCHARGE, 1 780 000 dam³

TALTSON RIVER AT OUTLET OF TSU LAKE - STATION NO. 07QD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	131A	228	382	334	209	167	158	154	1
2	---	---	---	---	134A	233	385	329	207	165	158	154	2
3	---	---	---	---	127A	226	388	325	205	166	158	155	3
4	---	---	---	---	130A	244	388	321	203	165	158	155	4
5	---	---	---	---	131	248	390	318	201	164	158	154	5
6	---	---	---	---	135	255	391	310	197	165	157	154	6
7	---	---	---	---	139	259	391	305	196	163	157	154	7
8	---	---	---	---	143	266	392	300	193	162	157	153	8
9	---	---	---	---	147	272	391	295	190	162	158	153	9
10	---	---	---	---	151	278	391	290	188	162	158	153	10
11	---	---	---	---	156	284	390	286	186	162	157	151	11
12	---	---	---	---	158	291	389	281	182	164	156	151	12
13	---	---	---	---	160	297	388	275	181	162	156	152	13
14	---	---	---	---	162	303	388	270	182	160	155	152	14
15	---	---	---	---	164	309	385	266	183	160	155	152	15
16	---	---	---	---	166	314	382	262	181	160	156	151	16
17	---	---	---	---	168	320	380	258	181	160	155	150	17
18	---	---	---	---	170	326	377	253	184	161	156	150	18
19	---	---	---	---	172	331	374	248	182	161	156	150	19
20	---	---	---	---	174	337	371	245	180	161	156	150	20
21	---	---	---	---	177	342	368	241	176	161	156	149	21
22	---	---	---	---	180	347	365	237	178	159	156	148	22
23	---	---	---	---	184	352	362	234	175	159	156	148	23
24	---	---	---	---	185	357	359	230	174	159	156	148	24
25	---	---	---	---	190	362	356	227	173	159	156	148	25
26	---	---	---	---	198	366	353	224	173	159	156	147	26
27	---	---	---	---	203	369	350	220	172	158	155	146	27
28	---	---	---	---	206	373	347	216	171	158	156	146	28
29	---		---	---	213	376	344	215	170	158	155	146	29
30	---		---	---	218	381	338	213	168	158	154	146	30
31	---		---		222		337	211		158		146	31
TOTAL	---	---	---	---	5 173	9 282	11 590	8 230	5 538	4 999	4 680	4 664	TOTAL
MEAN	---	---	---	---	167	309	374	266	185	161	156	150	MEAN
MAX	---	---	---	---	222	381	392	334	209	167	158	155	MAX
MIN	---	---	---	---	121	226	337	211	168	158	154	146	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 392 ON JUL 8

MAXIMUM INSTANTANEOUS, 394 AT 14:24 MST ON JUL 8

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 38 58 N
LONG 111 55 48 W
DRAINAGE AREA, 56 700 km²
A - MANUAL GAUGE

REGULATED SINCE 1965

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 000 000
FEB	---	AUG	712 000
MAR	---	SEP	478 000
APR	---	OCT	432 000
MAY	447 000	NOV	405 000
JUN	800 000	DEC	403 000

THA-ANNE RIVER BELOW ROSEBLADE LAKE - STATION NO. 06HB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	24.8B	15.9 B	8.80B	2.80B	1.23 B	1.80B	902	375	214	247	95.0B	40.0B	1
2	24.6B	15.7 B	8.60B	2.70B	1.20 B	2.20B	891	380	214	236	93.0B	39.0B	2
3	24.3B	15.4 B	8.40B	2.60B	1.17 B	3.20B	887	349	215	233	90.0B	38.0B	3
4	24.0B	15.1 B	8.20B	2.50B	1.14 B	4.10B	858	334	215	230	87.0B	37.0B	4
5	23.7B	14.8 B	7.90B	2.40B	1.10 B	5.50B	853	324	222	233	85.0B	36.1B	5
6	23.6B	14.6 B	7.70B	2.30B	1.07 B	7.00B	842	311	225	221	82.7B	35.2B	6
7	23.2B	14.4 B	7.50B	2.20B	1.04 B	9.00B	828	308	226	224	80.0B	34.4B	7
8	22.9B	14.2 B	7.40B	2.10B	1.01 B	20.0 B	814	304	226	219	77.5B	33.5B	8
9	22.6B	14.0 B	7.20B	2.00B	0.970B	32.5 B	789	291	226	215	75.5B	32.7B	9
10	22.3B	13.8 B	7.00B	1.90B	0.940B	49.0 B	768	290	228	210	73.3B	32.0B	10
11	22.0B	13.6 B	6.80B	1.80B	0.910B	75.0 B	764	288	228	204	71.0B	31.3B	11
12	21.8B	13.4 B	6.60B	1.75B	0.880B	118 B	720	268	228	194	69.0B	30.5B	12
13	21.5B	13.1 B	6.30B	1.70B	0.860B	180 B	678	248	226	176B	67.0B	29.8B	13
14	21.3B	12.8 B	6.10B	1.65B	0.830B	280 B	660	238	224	172B	65.0B	29.1B	14
15	21.0B	12.4 B	5.90B	1.62B	0.800B	440 B	640	229	231	166B	63.0B	28.5B	15
16	20.8B	12.1 B	5.70B	1.60B	0.760B	630 B	618	220	234	161B	61.0B	27.8B	16
17	20.6B	11.8 B	5.50B	1.57B	0.760B	665 B	602	214	232	155B	59.5B	27.3B	17
18	20.4B	11.6 B	5.30B	1.55B	0.740B	765 E	585	210	238	150B	57.5B	26.9B	18
19	20.1B	11.3 B	5.10B	1.52B	0.720B	835 E	568	207	240	145B	56.0B	26.1B	19
20	19.7B	11.1 B	5.00B	1.50B	0.700B	848 E	543	203	245	141B	54.4B	25.5B	20
21	19.3B	10.9 B	4.80B	1.46B	0.680B	855 E	510	201	250	136B	53.0B	25.0B	21
22	19.0B	10.6 B	4.60B	1.42B	0.660B	863 E	491	195	254	132B	51.2B	24.5B	22
23	18.7B	10.3 B	4.40B	1.40B	0.670B	910	478	191	253	128B	50.0B	24.0B	23
24	18.3B	10.0 B	4.20B	1.38B	0.660B	944	478	184	255	124B	48.6B	23.5B	24
25	18.0B	9.80B	4.00B	1.36B	0.650B	956	476	183	264	120B	47.3B	23.1B	25
26	17.8B	9.50B	3.80B	1.37B	0.650B	962	457	187	257	118B	46.0B	22.7B	26
27	17.5B	9.20B	3.60B	1.34B	0.660B	960	447	182	256	113B	44.9B	22.3B	27
28	17.2B	9.00B	3.40B	1.31B	0.670B	953	428	200	262	108B	43.4B	21.9B	28
29	16.8B		3.20B	1.29B	0.700B	937	411	207	258	105B	42.3B	21.7B	29
30	16.5B		3.10B	1.28B	1.00 B	863	388	210	252	103B	41.2B	21.1B	30
31	16.2B		2.90B		1.45 B		368	212		100B		20.7B	31
TOTAL	640.4	350.40	178.00	53.37	27.340	14 223.80	19 781	7 690	7 108	5 213	1 931.6	880.7	TOTAL
MEAN	20.7	12.5	5.77	1.78	0.882	474	637	248	237	168	64.4	28.7	MEAN
MAX	24.8	15.9	8.80	2.80	1.45	962	902	375	264	247	95.0	40.0	MAX
MIN	16.2	9.00	2.90	1.28	0.650	1.80	368	183	214	100	41.2	20.7	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 158
MAXIMUM DAILY, 962 ON JUN 26
MINIMUM DAILY, 0.650B ON MAY 25
MAXIMUM INSTANTANEOUS,
964 AT 11:21 CST ON JUN 26

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 00 18 N
LONG 97 01 41 W

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	55 300	JUL	1 710 000
FEB	30 300	AUG	664 000
MAR	15 500	SEP	614 000
APR	4 610	OCT	450 000
MAY	2 360	NOV	167 000
JUN	1 230 000	DEC	77 000

TOTAL DISCHARGE, 5 020 000 dam³

NORTHWEST TERRITORIES

THELON RIVER ABOVE BEVERLY LAKE - STATION NO. 09JC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	42.0B	38.1B	38.1B	38.3B	48.0B	84.0B	1 100	458	430	481	2570	138 B	1
2	41.4B	38.1B	38.3B	38.4B	48.3B	110 B	1 040	518	428	474	2520	138 B	2
3	40.7B	38.0B	38.5B	38.5B	48.7B	180 B	988	525	412	481	2470	133 B	3
4	40.1B	38.0B	38.3B	38.5B	48.0B	270 B	948	532	403	471	2430	131 B	4
5	39.4B	38.0B	38.3B	38.7B	48.5B	420 B	902	509	389	466	2370	126 B	5
6	39.2B	38.0B	38.4B	38.6B	46.9B	500 B	855	482	397	433	2330	128 B	6
7	38.9B	38.0B	38.6B	38.9B	47.4B	540 B	817	477	397	421	2270	123 B	7
8	38.7B	38.0B	38.6B	38.1B	47.8B	1 500 B	786	490	405	393	2230	121 B	8
9	38.4B	38.0B	38.6B	39.2B	48.3B	2 300 B	755	441	419	356	2180	118 B	9
10	38.2B	38.0B	38.7B	38.3B	48.8B	3 210	738	428	464	395	2130	116 B	10
11	38.0B	38.0B	38.8B	39.4B	49.2B	3 880	891	410	478	370	2080	114 B	11
12	37.8B	38.0B	38.8B	39.6B	49.6B	4 900	858	400	487	372	2060	111 B	12
13	37.7B	38.7B	38.8B	38.7B	50.0B	4 710	838	387	535	375	2000	108 B	13
14	37.5B	38.7B	37.0B	38.8B	50.8B	4 880	819	378	542	341	1958	108 B	14
15	37.3B	38.7B	37.1B	40.0B	51.3B	4 880	898	372	554	311	1918	104 B	15
16	37.2B	38.7B	37.2B	40.2B	51.8B	4 800	880	370	585	298	1878	102 B	16
17	37.1B	38.7B	37.2B	40.8B	52.5B	4 040	881	389	586	285	1838	100 B	17
18	38.8B	38.8B	37.3B	40.8B	53.2B	3 800	842	380	586	3488	1808	98.3B	18
19	38.6B	38.8B	37.3B	41.4B	53.8B	3 020	813	358	605	3408	1788	98.0B	19
20	38.7B	38.8B	37.4B	41.4B	54.4B	2 820	807	349	606	3348	1728	94.5B	20
21	36.6B	38.6B	37.5B	41.7B	55.2B	2 330	494	368	585	3278	1888	92.7B	21
22	36.6B	36.0B	37.5B	42.0B	56.0B	2 080	485	340	574	3208	1888	90.6B	22
23	36.6B	36.8B	37.5B	42.4B	56.8B	1 800	483	332	546	3138	1838	88.1B	23
24	36.6B	36.0B	37.5B	42.7B	57.7B	1 780	489	326	532	3058	1598	87.2B	24
25	36.4B	36.0B	37.7B	43.0B	58.5B	1 640	488	323	544	2988	1588	85.5B	25
26	36.4B	36.0B	37.8B	43.3B	59.1B	1 630	481	343	521	2928	1538	84.0B	26
27	36.3B	36.1B	37.8B	43.8B	60.0B	1 420	470	398	511	2688	1508	82.5B	27
28	36.3B	36.1B	37.9B	44.0B	62.0B	1 320	484	413	511	2808	1478	81.0B	28
29	36.2B		38.0B	44.3B	64.0B	1 230	441	437	512	2748	1448	79.8B	29
30	36.2B		38.1B	44.0B	66.0B	1 180	481	442	488	2688	1418	78.0B	30
31	36.1B		38.3B		68.0B		480	437		2638		76.5B	31
TOTAL	1 170.1	1 004.9	1 180.7	1 222.6	1 651.2	85 834.0	30 087	12 731	15 023	10 681	5 793	3 232.7	TOTAL
MEAN	37.7	35.8	37.1	40.6	53.3	2 190	947	411	501	350	193	104	MEAN
MAX	42.0	38.1	38.2	44.3	68.0	4 880	1 100	526	606	481	257	138	MAX
MIN	36.1	36.7	36.1	38.3	48.0	84.0	441	323	397	292	141	76.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 383
MAXIMUM DAILY, 4 880 ON JUN 14
MINIMUM DAILY, 36.7B ON FEB 13
MAXIMUM INSTANTANEOUS,
5 020 AT 12:26 CST ON JUN 14

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT. 64 31 53 N
LONG 101 21 53 W
DRAINAGE AREA, 95 800 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	101 000	JUL	1 730 000
FEB	88 800	AUG	1 100 000
MAR	88 400	SEP	1 300 000
APR	106 000	OCT	936 000
MAY	143 000	NOV	800 000
JUN	5 880 000	DEC	278 000

TOTAL DISCHARGE, 12 100 000 dam³

THELON RIVER BELOW OUTLET OF SCHULTZ LAKE - STATION NO. 09MA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	885	583	521	537	537	5488	3 820	1 740	1 100	1 070	801	831	1
2	867	573	514	538	533	5508	3 480	1 710	1 080	1 080	788	821	2
3	864	567	523	541	533	5638	3 430	1 680	1 080	1 080	784	808	3
4	864	548	526	541	531	5888	3 380	1 640	1 070	1 080	778	807	4
5	878	547	532	543	524	5868	3 320	1 630	1 080	1 080	778	897	5
6	878	547	518	545	532A	5808	3 280	1 590	1 080	1 080	771	887	6
7	867	548	516	546	532E	5848	3 180	1 570	1 040	1 070	773	878	7
8	872	542	519	550	532E	5868	3 110	1 540	1 040	1 070	787	874	8
9	867	537	522	558	532E	5728	3 040	1 510	1 030	1 080	784	887	9
10	848	534	523	562	532E	5778	2 980	1 480	1 030	1 080	784	897	10
11	828	538	527	563	532E	585E	2 910	1 480	1 030	1 050	788	883	11
12	822	538	525	563	532E	590E	2 840	1 440	1 030	1 040	788	885	12
13	814	538	534	568	532E	600E	2 770	1 420	1 020	1 040	783	885	13
14	818	538	537	557	533E	592A	2 700	1 400	1 020	1 030	788	888	14
15	818	534	538	565	533E	630E	2 630	1 380	1 020	1 030	781	878	15
16	812	531	533	567	533E	1 050E	2 570	1 370	1 030	1 020	781	871	16
17	808	523	532	563	533E	1 300E	2 500	1 380	1 020	1 010	748	882	17
18	800	527	532	548	533E	1 810E	2 440	1 330	1 030	1 010	726	853	18
19	898	528	536	538	534E	1 940	2 380	1 310	1 030	1 010	728	852	19
20	891	530	534	534	534E	2 270	2 380	1 380	1 040	987	724	853	20
21	889	523	532	528	534E	2 550	2 220	1 280	1 040	974	720	848	21
22	867	518	528	526	535E	2 640	2 180	1 280	1 050	984	717	842	22
23	863	524	535	536	536E	3 070	2 110	1 260	1 040	951	708	848	23
24	878	524	533	536	536E	3 280	2 080	1 230	1 040	937	898	840	24
25	874	523	537	536	537E	3 380	2 030	1 208	1 050	933	887	840	25
26	874	518	538	538	538E	3 470	1 980	1 180	1 050	932	881	836	26
27	883	520	538	537	539E	3 530	1 950	1 180	1 040	872	898	838	27
28	884	522	538	532	540E	3 570	1 900	1 150	1 050	848	858	836	28
29	880		536	536	542E	3 570	1 850	1 140	1 070	835	847	830	29
30	871		532	534	544E	3 540	1 820	1 120	1 070	818	836	831	30
31	880		538		546E		1 780	1 110		809		829	31
TOTAL	19 183	15 020	15 414	15 301	16 573	69 832	80 880	42 900	31 390	30 821	22 107	17 478	TOTAL
MEAN	618	536	529	543	535	1 880	2 800	1 380	1 050	994	737	884	MEAN
MAX	895	583	539	583	548	3 570	3 520	1 740	1 100	1 080	801	831	MAX
MIN	880	518	514	526	524	548	1 780	1 110	1 030	809	836	829	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 883
MAXIMUM DAILY, 3 570 ON JUN 26
MINIMUM DAILY, 514 ON MAR 3
MAXIMUM INSTANTANEOUS,
3 580 AT 15:38 CST ON JUN 26

REMARKS - STATION PREVIOUSLY LOCATED AT 09MA003

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT. 64 48 23 N
LONG 97 04 04 W
DRAINAGE AREA, 183 000 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 880 000	JUL	6 980 000
FEB	1 300 000	AUG	3 710 000
MAR	1 420 000	SEP	2 710 000
APR	1 410 000	OCT	3 800 000
MAY	1 430 000	NOV	1 810 000
JUN	4 810 000	DEC	1 810 000

TOTAL DISCHARGE, 31 000 000 dam³

THLEWIAZA RIVER BELOW SEALHOLE LAKE - STATION NO. 06HB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1820	1380	1230	1110	1040	1020	285	312	305	303	340	2310	1
2	1810	1360	1220	1100	1040	1040	287	314	305	302	350	2310	2
3	1800	1370	1220	1100	1040	1040	290	312	305	304	2550	2300	3
4	1800	1370	1210	1100	1040	1040	288	312	309	305	2540	2310	4
5	1800	1380	1210	1100	1040	1050	288	310	305	314	2530	2320	5
6	1800	1380	1200	1080	1040	1070	272	308	305	288	2520	2270	6
7	1800	1350	1200	1080	1040	1080	273	310	307	287	2510	2270	7
8	1870	1350	1190	1080	1040	1110	276	308	306	300	2500	2270	8
9	1870	1340	1180	1080	1040	1120	282	308	308	301	2490	2260	9
10	1860	1340	1180	1080	1040	1130	284	306	308	301	2480	2260	10
11	1850	1330	1180	1080	1030	1180	288	304	306	298	2470	2260	11
12	1840	1330	1170	1080	1030	1220	288	302	313	291	2460	2230	12
13	1850	1320	1170	1070	1030	1280	289	301	314	291	2430	2230	13
14	1850	1310	1170	1070	1030	1320	292	304	310	292	2460	2230	14
15	1830	1300	1160	1070	1030	1400	292	304	311	292	2450	2230	15
16	1810	1300	1160	1080	1030	1480	284	304	306	293	2440	2200	16
17	1800	1290	1160	1060	1028	1800	286	302	308	287	2420	2190	17
18	1480	1280	1160	1060	1028	1715	288	287	314	282	2410	2180	18
19	1480	1280	1160	1060	1028	1800	288	284	312	283	2400	2170	19
20	1470	1280	1150	1060	1028	2030	287	288	320	301	2400	2160	20
21	1470	1270	1150	1058	1028	2180	287	283	320	303	2380	2150	21
22	1480	1270	1150	1058	1028	222	301	284	314	302	2380	2140	22
23	1440	1260	1140	1058	1028	228	288	283	311	300	2370	2130	23
24	1440	1260	1140	1058	1028	233	309	285	310	300	2360	2110	24
25	1420	1260	1140	1058	1028	238	311	287	311	300	2360	2110	25
26	1420	1240	1140	1058	1028	242	310	292	308	297	2350	2100	26
27	1410	1240	1130	1058	1028	244	310	288	311	273	2350	2090	27
28	1410	1230	1130	1058	1028	247	311	294	314	239	2340	2070	28
29	1400		1130	1048	1028	250	313	298	308	224	2330	2070	29
30	1400		1130	1048	1028	263	310	301	305	228	2310	2070	30
31	1390		1110		1038		312	304		235		2058	31
TOTAL	4 870	3 660	3 815	3 308	3 187	4 950	9 005	9 382	9 305	8 987	7 350	6 787	TOTAL
MEAN	151	131	117	107	103	165	291	302	310	290	243	219	MEAN
MAX	182	139	123	111	104	263	313	314	320	314	295	231	MAX
MIN	138	123	111	104	103	103	285	288	305	224	231	205	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 203
MAXIMUM DAILY, 320 ON SEP 20
MINIMUM DAILY, 1028 ON MAY 15
MAXIMUM INSTANTANEOUS,
330 AT 05:02 CST ON SEP 20

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 47 02 N
LONG 96 46 40 W
DRAINAGE AREA, 27 000 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	403 000	JUL	778 000
FEB	317 000	AUG	809 000
MAR	312 000	SEP	804 000
APR	277 000	OCT	776 000
MAY	275 000	NOV	630 000
JUN	429 000	DEC	587 000

TOTAL DISCHARGE, 6 400 000 dam³

THDA RIVER NEAR INLET TO HILL ISLAND LAKE - STATION NO. 07QC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	25.5	25.5	21.2	18.7	17.4	183	70.8	34.8	28.5	34.2	34.1	28.5	1
2	25.2	25.1	21.2	18.7	18.2	182	68.8	36.5	28.4	34.0	34.0	28.5	2
3	24.8	24.9	21.0	18.7	21.0	182	68.8	36.3	28.5	34.2	33.8	28.5	3
4	24.3	24.7	20.7	18.8	24.0	180	64.4	36.0	28.7	34.3	33.5	28.4	4
5	23.7	24.5	20.4	18.7	26.4	147	62.0	35.9	28.6	34.6	33.4	28.2	5
6	23.1	24.3	20.3	18.7	29.1	144	60.8	35.7	28.6	34.5	33.3	28.0	6
7	22.8	24.1	20.2	18.8	32.8	141	59.2	35.6	27.2	34.6	33.3	27.9	7
8	23.1	23.8	19.8	18.8	36.2	138	58.0	35.5	27.8	34.6A	33.2	27.8	8
9	21.8	23.7	19.5	18.4	40.3	133	55.7	35.2	27.8	34.7E	33.1	27.8	9
10	21.2	23.7	19.4	18.3	44.8	128	56.2	35.1	27.8	34.8E	33.1	27.2	10
11	20.9	23.8	19.3	18.3	50.7	125	54.0	34.7	27.8	35.0E	32.9	27.1	11
12	20.6	23.8	19.1	18.2	59.8	121	52.6	34.0	27.8	35.1E	32.8	26.8	12
13	20.5	23.6	18.9	18.1	71.8	117	51.6	33.8	28.4	35.3A	32.3	26.7	13
14	20.0	23.3	18.8	18.1	86.8	113	50.4	33.2	28.0	35.0	32.1	26.7	14
15	20.7	23.2	18.7	18.1	102	110	48.1	32.7	28.6	35.0	31.8	26.8	15
16	20.5	23.1	18.7	18.1	116	110	47.8	32.2	30.2	34.9	31.7	26.3	16
17	20.2	22.8	18.5	18.1	127	108	46.7	31.5	30.8	34.6	31.6	26.0	17
18	20.0	22.6	18.4	18.1	136	103	45.6	30.8	30.6	34.7	31.3	25.6	18
19	20.6	22.7	18.3	18.0	148	100	44.2	30.2	31.2	35.1	31.1	25.5	19
20	20.5	22.4	18.0	18.0	163	97.4	43.2	29.7	31.5	35.1	30.8	25.3	20
21	28.3	22.1	17.8	18.0	188	93.8	42.4	29.0	31.8	35.0	30.7	25.1	21
22	28.0	22.1	17.8	18.0	182	90.8	42.3	28.4	32.0	35.1	30.4	25.0	22
23	27.8	21.9	17.4	18.0	184	88.1	42.1	28.2	32.2	35.2	30.2	25.0	23
24	27.4	21.8	17.2	18.2	183	84.4	41.8	28.1	32.6	35.1	30.0	24.9	24
25	27.2	21.8	17.0	18.2	182	81.9	40.4	28.0	33.0	34.9	30.0	24.9	25
26	27.2	21.5	16.9	18.2	181	79.5	39.5	27.8	33.2	34.9	29.7	24.7	26
27	27.1	21.5	16.8	18.1	180	77.1	38.7	27.6	33.3	34.8	29.3	24.6	27
28	26.7	21.4	16.6	18.2	186	76.8	38.0	27.2	34.0	34.5	29.1	24.6	28
29	26.4		16.7	18.4	188	76.0	37.8	27.0	34.2	34.8	29.1	24.6	29
30	26.0		16.7	18.1	188	73.4	37.0	26.8	34.3	34.8	28.7	24.4	30
31	25.8		16.7		184		36.8	26.8		34.3		24.3	31
TOTAL	828.1	649.3	578.1	481.0	3 031.0	3 380.5	1 844.1	985.8	897.0	1 078.8	950.0	814.8	TOTAL
MEAN	29.8	23.2	18.6	18.0	98.7	112	49.8	31.8	29.9	34.7	31.7	26.3	MEAN
MAX	28.5	25.5	21.2	18.8	184	183	70.8	36.5	34.3	35.3	34.1	28.5	MAX
MIN	25.8	21.4	16.7	18.1	17.4	73.4	35.8	26.8	28.4	34.0	29.7	24.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 42.1
MAXIMUM DAILY, 184 ON MAY 23
MINIMUM DAILY, 16.1 ON APR 27
MAXIMUM INSTANTANEOUS,
186 AT 16:11 MST ON MAY 23

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 30 18 N
LONG 109 38 56 W
DRAINAGE AREA, 8 830 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	80 200	JUL	122 000
FEB	58 100	AUG	88 200
MAR	49 800	SEP	77 600
APR	41 600	OCT	93 000
MAY	267 000	NOV	82 100
JUN	290 000	DEC	70 400

TOTAL DISCHARGE, 1 330 000 dam³

THONOKIED RIVER NEAR THE MOUTH - STATION NO. 07RC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.068B	0B	0B	0B	0 B	3.79B	33.3	31.4	11.7	10.1	8.38B	1.81 B	1
2	0.064B	0B	0B	0B	0 B	5.46B	33.3	20.0	11.5	10.1	8.10B	1.74 B	2
3	0.076B	0B	0B	0B	0 B	7.69B	32.7	19.8	11.0	9.83	6.66B	1.67 B	3
4	0.074B	0B	0B	0B	0 B	11.3 B	32.0	18.5	10.5	10.6	6.01B	1.60 B	4
5	0.069B	0B	0B	0B	0 B	16.2 B	31.6	20.3	10.4	9.88A	5.38B	1.53 B	5
6	0.064B	0B	0B	0B	0 B	23.4 B	30.6	20.8	10.6	9.09	5.18B	1.67 B	6
7	0.060B	0B	0B	0B	0 B	33.6 A	29.6	20.3	11.5	7.83	5.08B	1.61 B	7
8	0.057B	0B	0B	0B	0 B	32.6	29.3	20.0	11.5	8.14	4.79B	1.35 B	8
9	0.053B	0B	0B	0B	0 B	30.3	28.8	18.8	11.3	8.36	4.58B	1.30 B	9
10	0.050B	0B	0B	0B	0 B	31.5	28.4	16.2	11.1	8.22	4.38B	1.26 B	10
11	0.040B	0B	0B	0B	0 B	38.1	27.5	18.8	11.8	7.87	4.18B	1.18 B	11
12	0.030B	0B	0B	0B	0 B	37.1 A	26.8	18.8	11.3	10.2	4.01B	1.14 B	12
13	0.020B	0B	0B	0B	0 B	31.2 A	25.8	18.6	10.7	10.5 B	3.86B	1.09 B	13
14	0.010B	0B	0B	0B	0 B	30.4	24.5	18.4	10.6	10.5	3.68B	1.05 B	14
15	0 B	0B	0B	0B	0 B	31.8	24.1	18.3	10.4	10.4	3.54B	1.01 B	15
16	0 B	0B	0B	0B	0 B	32.0	23.6	18.1	10.4	10.3	3.38B	0.985B	16
17	0 B	0B	0B	0B	0 B	32.7	23.0	17.8	10.5	10.1	3.35B	0.920B	17
18	0 B	0B	0B	0B	0 B	33.7	22.7	16.8	10.5	9.86	3.12B	0.880B	18
19	0 B	0B	0B	0B	0 B	33.6	22.2	16.8	10.4	9.53	2.98B	0.851B	19
20	0 B	0B	0B	0B	0 B	33.8	21.8	15.1	11.3	9.38	2.87B	0.818B	20
21	0 B	0B	0B	0B	0 B	33.8	22.5	14.7	11.1	9.41	2.78B	0.762B	21
22	0 B	0B	0B	0B	0.100B	34.8	23.3	14.1	9.80	9.17	2.66B	0.751B	22
23	0 B	0B	0B	0B	0.144B	34.0	23.3	12.8	9.11	9.27	2.53B	0.720B	23
24	0 B	0B	0B	0B	0.207B	34.2	22.8	13.2	9.26	8.88B	2.43B	0.681B	24
25	0 B	0B	0B	0B	0.288B	34.5	22.8	12.8	8.77	8.53B	2.33B	0.662B	25
26	0 B	0B	0B	0B	0.426B	34.3	21.7	12.1	9.11	8.16B	2.23B	0.638B	26
27	0 B	0B	0B	0B	0.615B	33.6	20.8	12.8	10.1	7.84B	2.14B	0.609B	27
28	0 B	0B	0B	0B	0.880B	33.2	20.2	12.8	10.8	7.53B	2.05B	0.584B	28
29	0 B		0B	0B	1.27 B	32.7	20.4	12.8	10.4	7.21B	1.87B	0.560B	29
30	0 B		0B	0B	1.82 B	32.9	21.5	12.8	10.1	6.52B	1.69B	0.537B	30
31	0 B		0B		2.64 B		21.6	12.3		6.63B		0.518B	31
TOTAL	0.778	0	0	0	8.419	857.00	792.8	521.1	316.75	276.98	110.81	32.082	TOTAL
MEAN	0.025	0	0	0	0.272	28.6	25.6	16.8	10.6	8.90	3.70	1.04	MEAN
MAX	0.069	0	0	0	2.64	38.1	33.3	21.4	11.7	10.6	8.38	1.81	MAX
MIN	0	0	0	0	0	3.79	20.2	12.1	8.77	6.09	1.69	0.518	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.89
MAXIMUM DAILY, 38.1 ON JUN 11
MINIMUM DAILY, 0B ON JAN 15
MAXIMUM INSTANTANEOUS,
53.7 AT 03:00 MST ON JUN 11

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 69 08 40 N
LONG 128 55 02 W
DRAINAGE AREA, 1 780 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	67.2	JUL	68 500
FEB	0	AUG	45 000
MAR	0	SEP	27 400
APR	0	OCT	23 900
MAY	727	NOV	9 580
JUN	74 000	DEC	2 770

TOTAL DISCHARGE, 252 000 dam³

TRAIL VALLEY CREEK NEAR INUVIK - STATION NO. 10ND002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	0B	0 B	7.70 B	0.036	0.071	0.511	0.418E	0.004B	0B	1
2	0B	0B	0B	0B	0 B	7.00 B	0.034	0.053	0.500	0.400E	0.002B	0B	2
3	0B	0B	0B	0B	0 B	4.58	0.031	0.058	0.535	0.350E	0.001B	0B	3
4	0B	0B	0B	0B	0 B	2.80	0.028	0.057	1.36	0.380E	0 B	0B	4
5	0B	0B	0B	0B	0 B	2.16	0.028	0.086	1.38	0.340E	0 B	0B	5
6	0B	0B	0B	0B	0 B	1.46	0.026	0.054	1.21	0.200E	0 B	0B	6
7	0B	0B	0B	0B	0 B	1.08	0.024	0.051	1.03	0.170E	0 B	0B	7
8	0B	0B	0B	0B	0 B	0.828A	0.023	0.049	0.884	0.145E	0 B	0B	8
9	0B	0B	0B	0B	0 B	0.660E	0.022	0.051	0.748	0.124E	0 B	0B	9
10	0B	0B	0B	0B	0 B	0.570E	0.021	0.068	0.688	0.106E	0 B	0B	10
11	0B	0B	0B	0B	0 B	0.480E	0.018	0.087	0.587	0.093E	0 B	0B	11
12	0B	0B	0B	0B	0 B	0.410E	0.018	0.080	0.570	0.082E	0 B	0B	12
13	0B	0B	0B	0B	0 B	0.360E	0.017	0.105	0.568	0.071E	0 B	0B	13
14	0B	0B	0B	0B	0 B	0.310E	0.014	0.148	1.18	0.083E	0 B	0B	14
15	0B	0B	0B	0B	0 B	0.270E	0.013	0.216	1.78	0.068E	0 B	0B	15
16	0B	0B	0B	0B	0 B	0.240E	0.124	0.843	1.88	0.050E	0 B	0B	16
17	0B	0B	0B	0B	0 B	0.210E	0.805	0.813	1.39	0.063E	0 B	0B	17
18	0B	0B	0B	0B	0 B	0.187E	0.850	0.781	1.08	0.038E	0 B	0B	18
19	0B	0B	0B	0B	0 B	0.188E	0.483	0.880	0.848	0.035E	0 B	0B	19
20	0B	0B	0B	0B	0 B	0.168E	0.348	0.862	0.800	0.032E	0 B	0B	20
21	0B	0B	0B	0B	0 B	0.133E	0.325	1.33	0.688	0.028E	0 B	0B	21
22	0B	0B	0B	0B	0 B	0.121A	0.363	1.88	0.507	0.028E	0 B	0B	22
23	0B	0B	0B	0B	0 B	0.106	0.321	1.87	0.398	0.026E	0 B	0B	23
24	0B	0B	0B	0B	0 B	0.101	0.288	1.33	0.270E	0.022E	0 B	0B	24
25	0B	0B	0B	0B	0 B	0.087	0.218	1.04	0.230E	0.020E	0 B	0B	25
26	0B	0B	0B	0B	0 B	0.070	0.183	0.834	0.225E	0.017E	0 B	0B	26
27	0B	0B	0B	0B	0.010B	0.058	0.184	0.886	0.248E	0.014E	0 B	0B	27
28	0B	0B	0B	0B	0.150B	0.050	0.146	0.709	0.300E	0.011E	0 B	0B	28
29	0B		0B	0B	1.50 B	0.044	0.126	0.571	0.400E	0.008E	0 B	0B	29
30	0B		0B	0B	7.87 B	0.041	0.101	0.832	0.418E	0.007E	0 B	0B	30
31	0B		0B		8.00 B		0.080	0.488		0.006E		0B	31
TOTAL	0	0	0	0	17.530	32.862	5.061	16.062	23.301	3.184	0.007	0	TOTAL
MEAN	0	0	0	0	0.565	1.09	0.163	0.518	0.777	0.103	0	0	MEAN
MAX	0	0	0	0	8.00	7.70	0.805	1.88	1.78	0.418	0.004	0	MAX
MIN	0	0	0	0	0	0.041	0.013	0.049	0.228	0.006	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.288
MAXIMUM DAILY, 8.008 ON MAY 31
MINIMUM DAILY, 0B ON JAN 1

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 44 18 N
LONG 133 28 27 W
DRAINAGE AREA, 68.3 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	438
FEB	0	AUG	1 380
MAR	0	SEP	2 010
APR	0	OCT	275
MAY	1 510	NOV	0.60
JUN	2 840	DEC	0

TOTAL DISCHARGE, 8 430 dam³

TREE RIVER NEAR THE MOUTH - STATION NO. 10QA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	17.2B	13.0B	9.94B	7.88B	5.96B	16.3B	88.4E	100	53.1	35.8	22.7B	13.8 B	1
2	17.0B	12.9B	9.84B	7.82B	5.91B	17.1B	90.3E	97.7	52.3	35.3	22.3B	13.6 B	2
3	16.8B	12.7B	9.78B	7.63B	5.87B	19.1B	92.3E	95.7	51.2	34.5	21.9B	13.3 B	3
4	16.7B	12.6B	9.67B	7.47B	5.83B	21.4B	95.4E	93.5	50.6	34.1	21.6B	13.1 B	4
5	16.6B	12.5B	9.59B	7.41B	5.77B	23.9B	96.5E	90.8	50.3	33.6	21.2B	12.9 B	5
6	16.4B	12.4B	9.51B	7.34B	5.73B	26.6B	98.0E	88.2	48.5	33.3	20.9B	12.7 B	6
7	16.3B	12.3B	9.42B	7.28B	5.68B	30.6B	101 E	87.7	48.5	33.1	20.5B	12.5 B	7
8	16.1B	12.2B	9.35B	7.22B	5.63B	33.5B	103 E	85.1	48.0	32.3	20.2B	12.3 B	8
9	16.0B	12.0B	9.27B	7.16B	5.58B	37.6B	105 E	84.3	47.7	32.1	19.8B	12.1 B	9
10	15.9B	11.9B	9.20B	7.10B	5.54B	42.1B	107 E	82.8	46.7	31.6	19.5B	11.9 B	10
11	15.7B	11.8B	9.12B	7.04B	5.49B	47.1B	110 E	81.7	45.1	31.2	19.2B	11.8 B	11
12	15.6B	11.7B	9.06B	6.99B	5.45B	52.0B	111 E	80.3	44.1	30.8	18.9B	11.6 B	12
13	15.4B	11.5B	8.97B	6.93B	5.40B	57.4B	113 E	79.0	43.4	30.0	18.5B	11.4 B	13
14	15.3B	11.5B	8.90B	6.87B	5.36B	62.3B	114 E	77.2	42.8	30.5	18.2B	11.2 B	14
15	15.1B	11.4B	8.82B	6.81B	5.31B	68.9	115 E	75.7	42.3	30.0	17.9B	11.1 B	15
16	15.0B	11.3B	8.75B	6.76B	5.30B	75.8	116 E	74.5	42.0	24.7A	17.6B	10.9 B	16
17	14.9B	11.2B	8.68B	6.70B	5.29B	79.1	117 E	73.4	41.3	31.4	17.3B	10.7 B	17
18	14.7B	11.1B	8.60B	6.65B	5.32B	80.3	118 E	71.8	40.5	31.2	17.1B	10.6 B	18
19	14.6B	11.0B	8.52B	6.59B	5.38B	85.0A	118 E	69.8	39.8	28.9	16.8B	10.4 B	19
20	14.5B	10.9B	8.46B	6.54B	5.49B	84.6A	118 E	68.0	39.6	27.1	16.5B	10.2 B	20
21	14.3B	10.8B	8.39B	6.48B	5.44B	83.5A	117 E	66.6	39.5	29.5	16.2B	10.1 B	21
22	14.2B	10.7B	8.32B	6.43B	5.50B	85.6E	116 E	65.3	39.3	28.6	16.0B	9.92B	22
23	14.1B	10.6B	8.25B	6.37B	5.62B	84.4E	116 E	64.0	38.1	25.4B	15.7B	9.77B	23
24	13.9B	10.5B	8.16B	6.32B	5.78B	71.6E	116 E	62.7	38.1	25.9B	15.4B	9.62B	24
25	13.8B	10.4B	8.12B	6.27B	6.03B	75.3E	114 A	61.7	37.9	25.6B	15.2B	9.50B	25
26	13.7B	10.3B	8.05B	6.22B	7.78B	74.8E	112 A	60.3	37.6	25.1B	15.0B	9.46B	26
27	13.6B	10.2B	7.98B	6.16B	8.68B	81.7A	111	59.1	37.8	24.8B	14.7B	9.33B	27
28	13.4B	10.1B	7.92B	6.11B	9.72B	83.5E	109	58.2	37.7	24.2B	14.5B	9.20B	28
29	13.3B		7.85B	6.06B	10.9 B	85.1E	107	56.9	36.8	23.8B	14.3B	9.20B	29
30	13.2B		7.79B	6.01B	12.2 B	85.7E	105	55.5	36.1	23.4B	14.1B	9.08B	30
31	13.1B		7.72B		13.8 B		103	54.2		23.1B		9.00B	31
TOTAL	488.4	321.5	273.00	204.01	202.99	1 656.5	3 349.4	2 324.3	1 297.8	908.3	539.6	342.22	TOTAL
MEAN	15.8	11.5	8.77	6.80	6.54	55.2	108	75.0	43.3	29.3	18.0	11.0	MEAN
MAX	17.2	13.0	9.94	7.88	13.8	85.7	118	100	53.1	35.8	22.7	13.8	MAX
MIN	13.1	10.1	7.72	6.01	5.29	16.3	88.4	54.2	36.1	23.1	14.1	9.00	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 32.6
MAXIMUM DAILY, 118E ON JUL 18
MINIMUM DAILY, 5.29B ON MAY 17

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 67 38 03 N
LONG 111 54 32 W
DRAINAGE AREA, 5 810 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	42 200	JUL	289 000
FEB	27 800	AUG	201 000
MAR	23 600	SEP	112 000
APR	17 600	OCT	78 500
MAY	17 500	NOV	46 600
JUN	143 000	DEC	29 600

TOTAL DISCHARGE, 1 030 000 dam³

TROUT RIVER AT HIGHWAY NO. 1 - STATION NO. 10FA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.60B	1.46B	1.00 B	1.46B	75.4B	142	51.0E	34.0E	16.3	8.21	3.80B	1.98B	1
2	3.52B	1.44B	0.990B	1.43B	82.4B	142	46.0E	32.0E	15.6	8.61	4.50B	2.04B	2
3	3.35B	1.42B	0.950B	1.47B	95.2B	138	49.0E	31.0E	15.0	10.6	4.60B	2.11B	3
4	3.26B	1.41B	0.940B	1.45B	121 B	136	50.0E	30.0E	14.5	9.25	4.52B	2.12B	4
5	3.14B	1.40B	0.940B	1.43B	134	135	51.0E	29.0E	14.3	8.37	4.35B	1.98B	5
6	2.95B	1.35B	0.930B	1.41B	136	132	52.0E	28.0E	12.9	8.77	4.35B	2.10B	6
7	2.84B	1.35B	0.910B	1.39B	134	131	54.0E	27.0E	13.7	7.61	4.40B	2.14B	7
8	2.70B	1.34B	0.900B	1.44B	137	128	52.0E	26.0E	12.0	7.67	4.33B	2.14B	8
9	2.55B	1.33B	0.890B	1.57B	137	124	50.0E	25.0E	10.8	9.34	4.28B	2.20B	9
10	2.43B	1.30B	0.870B	1.76B	139	126	48.0E	24.0E	11.8	9.03	4.22B	2.22B	10
11	2.36B	1.28B	0.850B	1.65B	151	133	46.0E	23.0E	13.4	8.10	4.14B	2.25B	11
12	2.25B	1.27B	0.840B	1.76B	162	130	44.0E	22.0E	13.3	7.67	3.87B	2.33B	12
13	2.17B	1.26B	0.831B	1.46B	173	119	45.0	21.5E	11.6	7.58	3.36B	2.40B	13
14	2.10B	1.24B	0.815B	1.18B	176	118	40.7	21.0E	11.4	7.13	3.08B	2.45B	14
15	2.02B	1.23B	0.802B	1.64B	177	114	38.0	20.0E	11.1	7.34	2.88B	2.50B	15
16	1.99B	1.21B	0.844B	1.54B	178	106	37.2	19.5E	10.7	5.50B	2.57B	2.55B	16
17	1.88B	1.20B	0.780B	2.00B	182	100 E	37.5	19.0E	9.91	5.50B	2.60B	2.50B	17
18	1.80B	1.19B	0.798B	1.89B	188	96.0E	35.4	18.7E	7.82	7.00B	2.70B	2.45B	18
19	1.68B	1.17B	0.800B	1.88B	186	90.0E	32.8	18.5E	10.7	6.70B	2.75B	2.40B	19
20	1.60B	1.16B	0.790B	1.92B	184	90.0E	31.3E	18.0E	10.3	6.20B	2.70B	2.38B	20
21	1.77B	1.15B	0.790B	1.85B	178	83.0E	30.0E	17.7E	9.12	6.60B	2.62B	2.35B	21
22	1.76B	1.14B	0.800B	2.03B	174	78.0E	29.0E	17.4A	9.18	6.00B	2.56B	2.30B	22
23	1.73B	1.13B	0.820B	2.12B	175	75.0E	30.0E	18.7	10.0	5.67B	2.50B	2.20B	23
24	1.70B	1.10B	0.850B	2.37B	186	72.0E	32.0E	18.9	12.0	4.17B	2.45B	2.10B	24
25	1.67B	1.08B	0.850B	2.67B	184	66.0E	33.0E	21.1	9.66	3.50B	2.40B	2.00B	25
26	1.62B	1.07B	1.02 B	4.68B	183	85.0E	34.0E	20.0	9.10	2.80B	2.35B	1.88B	26
27	1.55B	1.04B	1.10 B	9.21B	169	82.0E	35.0E	18.5	8.67	2.26B	2.30B	1.80B	27
28	1.55B	1.03B	1.22 B	18.7 B	158	86.0E	36.0E	17.4	8.51	2.60B	2.20B	1.42B	28
29	1.52B		1.35 B	41.3 B	151	88.0E	37.0E	17.5	8.35	3.10B	2.10B	1.37B	29
30	1.50B		1.50 B	47.4 B	149	83.0E	38.0E	17.6	8.69	3.60B	2.01B	1.24B	30
31	1.48B		1.46 B		141		38.0E	17.5		3.60B		1.20B	31
TOTAL	68.64	34.78	29.848	192.21	4 724.0	3 088.0	1 260.9	687.8	340.21	198.54	97.08	64.87	TOTAL
MEAN	2.21	1.24	0.962	6.41	152	103	40.7	22.2	11.3	6.40	3.24	2.08	MEAN
MAX	3.60	1.46	1.50	47.4	188	142	54.0	34.0	16.3	10.6	4.60	2.55	MAX
MIN	1.48	1.03	0.780	1.18	75.4	63.0	29.0	16.7	7.82	2.26	2.01	1.20	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 20.5
MAXIMUM DAILY, 188 ON MAY 18
MINIMUM DAILY, 0.780B ON MAR 17
MAXIMUM INSTANTANEOUS,
189 AT 07:49 MST ON MAY 18

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 08 33 N
LONG 119 50 08 W
DRAINAGE AREA, 9 270 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 930	JUL	109 000
FEB	3 000	AUG	59 400
MAR	2 580	SEP	29 400
APR	16 600	OCT	17 200
MAY	408 000	NOV	8 390
JUN	267 000	DEC	5 600

TOTAL DISCHARGE, 929 000 dam³

REMARKS - FORMERLY PUBLISHED AS "AT FORT SIMPSON HIGHWAY"

TSICHU RIVER AT CANOL ROAD - STATION NO. 10HA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.4188	0.2078	0.1438	0.1288	0.0808	28.4	7.18	3.48	2.18	1.78	0.4138	0.4688	1
2	0.4068	0.2028	0.1418	0.1248	0.0628	22.1	6.13	3.63	2.11	1.68	0.3888	0.4708	2
3	0.3988	0.1988	0.1408	0.1248	0.0848	20.8	5.88	4.28	2.03	2.00	0.3708	0.4608	3
4	0.3888	0.1908	0.1408	0.1238	0.0868	28.8	5.78	3.78	2.20	1.35 B	0.3808	0.4488	4
5	0.3808	0.1848	0.1388	0.1228	0.0928	28.8	5.82	3.21	2.21	1.18 B	0.3388	0.4368	5
6	0.3708	0.1788	0.1388	0.1188	0.1008	23.6	6.07	3.15	2.15	1.03 B	0.3488	0.4308	6
7	0.3628	0.1708	0.1388	0.1108	0.2008	20.8	5.88	3.18	2.18	1.07 B	0.3688	0.4288	7
8	0.3548	0.1828	0.1388	0.1088	1.40 B	17.4	5.17	3.24	2.08	1.10 B	0.3808	0.4208	8
9	0.3488	0.1848	0.1378	0.1088	3.28 B	18.8	7.08	3.13	2.01	1.08 B	0.3658	0.4288	9
10	0.3408	0.1808	0.1378	0.1088	3.78	18.8	7.78	3.08	2.01	0.8808	0.3738	0.4608	10
11	0.3328	0.1488	0.1388	0.1088	3.88	18.8	8.88	2.92	2.01	0.8608	0.3888	0.4708	11
12	0.3288	0.1418	0.1388	0.1088	3.88	17.3	8.48	2.97	2.00	0.8088	0.4288	0.4888	12
13	0.3188	0.1408	0.1388	0.1088	3.28	17.8	8.71	3.02	2.42	0.7888	0.4608	0.4838	13
14	0.3108	0.1388	0.1368	0.1078	2.78	27.8	8.77	3.01	2.38	0.7388	0.4888	0.4828	14
15	0.3028	0.1388	0.1348	0.1078	3.48	28.8	8.26	2.94	2.23	0.8808	0.5388	0.4818	15
16	0.2948	0.1388	0.1348	0.1088	4.82	18.8	8.22	2.78	2.00	0.8008	0.5488	0.4888	16
17	0.2888	0.1408	0.1338	0.1038	4.88	13.8	4.42	2.88	1.81	0.8208	0.5588	0.4678	17
18	0.2838	0.1418	0.1338	0.1038	4.18	12.8	4.28	2.88	1.88	0.8888	0.5888	0.4688	18
19	0.2778	0.1428	0.1328	0.1008	4.82	11.1	4.13	2.58	1.71	0.8548	0.5788	0.4888	19
20	0.2708	0.1438	0.1328	0.0988	8.38	10.7	4.33	2.83	1.87	0.8388	0.5888	0.4848	20
21	0.2648	0.1448	0.1318	0.0988	7.87	10.7	5.18	2.80	1.71	0.4888	0.5888	0.4828	21
22	0.2588	0.1438	0.1318	0.0958	8.03	11.8	5.80	2.85	2.01	0.4378	0.6088	0.4818	22
23	0.2528	0.1428	0.1308	0.0938	10.8	11.4	5.08	2.80	2.28	0.4188	0.5188	0.4808	23
24	0.2478	0.1408	0.1308	0.0918	13.4	11.1	4.78	2.82	2.07	0.4138	0.5888	0.4788	24
25	0.2428	0.1388	0.1288	0.0908	14.2	12.8	4.42	2.43	2.08	0.4838	0.5808	0.4748	25
26	0.2378	0.1388	0.1288	0.0868	13.0	10.2	4.07	2.37	2.20	0.5188	0.5888	0.4708	26
27	0.2328	0.1408	0.1288	0.0858	12.3	9.84	3.83	2.33	2.30	0.5008	0.5508	0.4688	27
28	0.2278	0.1418	0.1288	0.0858	14.1	8.88	3.77	2.32	2.13	0.8818	0.5308	0.4628	28
29	0.2228		0.1278	0.0838	18.3	7.35	3.60	2.27	2.02	0.8288	0.5188	0.4588	29
30	0.2178		0.1278	0.0818	21.8	8.80	3.38	2.22	1.84	0.4888	0.5008	0.4548	30
31	0.2128		0.1268		27.8		3.47	2.18		0.4668		0.4508	31
TOTAL	9.372	4.327	4.147	3.104	211.724	481.84	188.38	88.88	61.77	35.848	14.428	14.482	TOTAL
MEAN	0.302	0.155	0.134	0.103	6.83	16.4	6.27	2.87	2.08	0.834	0.481	0.487	MEAN
MAX	0.418	0.207	0.142	0.128	27.8	28.8	8.13	4.28	2.42	2.00	0.518	0.488	MAX
MIN	0.212	0.138	0.128	0.081	0.080	8.80	3.38	2.18	1.87	0.413	0.338	0.430	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.00
MAXIMUM DAILY, 28.8 ON JUN 6
MINIMUM DAILY, 0.0808 ON MAY 1
MAXIMUM INSTANTANEOUS,
32.8 AT 00:87 MST ON JUN 6

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 18 11 N
LONG 129 47 43 W
DRAINAGE AREA, 218 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	810	JUL	14 400
FEB	374	AUG	7 680
MAR	358	SEP	5 340
APR	268	OCT	3 090
MAY	18 300	NOV	1 250
JUN	42 800	DEC	1 250

TOTAL DISCHARGE, 94 800 dam³

TWITYA RIVER NEAR THE MOUTH - STATION NO. 10HA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.88	10.4 B	9.848	7.208	44.08	238	108	57.8	43.1	33.8	22.48	12.8 B	1
2	10.88	10.3 B	10.1 B	7.108	40.08	278	128	57.8	41.7	33.4	22.88	12.2 B	2
3	10.88	10.3 B	10.0 B	7.058	41.08	318	108	58.2	41.4	34.8	22.88	12.2 B	3
4	10.88	10.3 B	9.918	7.008	42.08	288	88.8	60.2	41.2	34.8	23.08	12.1 B	4
5	10.88	10.3 B	9.118	6.958	51.08	224	88.2	58.3	41.7	32.8	23.38	11.8 B	5
6	10.88	10.3 B	8.888	6.808	84.08	267	85.8	57.8	41.8	32.2	21.88	11.7 B	6
7	10.78	10.3 B	8.888	6.858	80.08	242	83.1	58.5	41.2	31.8	21.08	11.6 B	7
8	10.78	10.3 B	8.898	6.758	100 B	227	84.8	60.3	40.8	33.1	20.48	11.5 B	8
9	10.78	10.2 B	8.608	6.708	120 B	253	82.7	58.2	40.3	32.3	19.88	11.4 B	9
10	10.78	10.2 B	8.788	6.808	115 B	233	87.8	56.8	38.7	31.8	19.88	11.3 B	10
11	10.78	10.2 B	8.708	7.408	110 B	228	88.8	54.2	38.8	31.8	18.88	11.2 B	11
12	10.78	10.2 B	8.488	8.108	105 B	238	92.0	52.0	38.7	38.4	18.48	11.1 B	12
13	10.88	10.2 B	8.508	8.008	110 B	224	88.8	50.4	38.8	38.4	17.88	11.0 B	13
14	10.88	10.2 B	8.458	7.808	117 B	303	83.4	50.0	38.8	38.3	17.88	10.9 B	14
15	10.88	10.1 B	8.408	7.708	123 B	382	80.2	50.0	38.7	34.88	17.08	10.8 B	15
16	10.88	9.708	8.208	7.608	131 B	283	80.8	48.1	38.2	33.08	16.88	11.8 B	16
17	10.88	9.938	8.208	7.408	131 B	201	78.8	48.8	38.0	33.08	16.18	10.7 B	17
18	10.88	10.8 B	8.158	8.008	104 B	174	71.0	48.3	37.3	34.88	16.78	10.8 B	18
19	10.88	10.3 B	8.858	8.408	92.8	178	87.8	48.1	38.8	38.38	15.38	10.8 B	19
20	10.88	10.0 B	8.008	10.8 B	111	187	88.8	48.2	38.8	34.88	18.08	10.8 B	20
21	10.88	10.1 B	7.958	12.8 B	128	188	78.8	48.8	38.8	33.18	16.88	10.4 B	21
22	10.88	10.1 B	7.808	14.8 B	137	148	82.7	48.7	38.7	34.08	14.38	10.3 B	22
23	10.88	10.8 B	7.808	18.8 B	158	143	77.8	47.8	37.1	33.08	13.88	10.2 B	23
24	10.88	10.8 B	7.708	18.8 B	188	142	73.2	48.7	37.1	33.88	13.88	10.1 B	24
25	10.48	9.818	7.858	20.8 B	158	158	70.8	48.8	38.2	34.08	13.48	10.8 B	25
26	10.48	9.288	7.808	23.8 B	182	144	88.2	48.2	38.3	33.88	13.38	9.988	26
27	10.48	10.8 B	7.808	27.8 B	138	133	84.7	44.7	37.2	32.88	13.08	9.858	27
28	10.48	9.888	7.458	31.8 B	181	128	82.7	44.1	36.7	33.18	12.88	9.808	28
29	10.48		7.408	34.8 B	184	188	82.2	43.8	36.7	33.38	12.78	9.758	29
30	10.48		7.308	38.8 B	274	88.8	80.2	43.1	34.8	33.88	12.88	9.708	30
31	10.48		7.258		228		87.8	42.8		33.48		9.668	31
TOTAL	328.8	283.40	258.78	388.38	3 784.8	6 273.8	2 488.2	1 588.3	1 158.8	847.4	517.8	337.88	TOTAL
MEAN	10.8	10.1	8.38	12.8	128	288	88.3	51.2	38.8	27.3	17.3	10.8	MEAN
MAX	10.8	10.8	10.1	38.8	274	382	128	88.8	42.1	34.8	22.8	12.8	MAX
MIN	10.4	9.28	7.25	8.78	48.8	88.8	87.8	42.8	34.8	22.8	12.8	8.88	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 48.8
MAXIMUM DAILY, 382 ON JUN 18
MINIMUM DAILY, 8.708 ON APR 8
MAXIMUM INSTANTANEOUS,
401 AT 18:18 MST ON JUN 18

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 88 38 N
LONG 138 17 87 W
DRAINAGE AREA, 8 880 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	88 400	JUL	215 000
FEB	84 500	AUG	137 000
MAR	88 400	SEP	100 000
APR	88 500	OCT	73 200
MAY	330 000	NOV	44 700
JUN	842 000	DEC	28 100

TOTAL DISCHARGE, 1 870 000 dam³

WALDRON RIVER NEAR THE MOUTH - STATION NO. 07BC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.60E	2.32	1.73	1.14	0.822	9.27	15.8	10.6	8.38A	5.45	4.88	3.14	1
2	2.52E	2.38	1.72	1.13	0.863	9.63	15.4	10.6	8.09A	5.35	4.85	3.05	2
3	2.48E	2.35	1.68	1.12	0.884	9.85	15.2	10.6	8.85A	5.32	4.84	2.99	3
4	2.40A	2.18	1.61	1.12	0.880	7.16	14.8	10.6	8.72A	5.48A	4.83	2.63	4
5	2.44	2.12	1.57	1.12	0.862	7.01	14.8	10.6	8.59A	5.57	4.83	2.78	5
6	2.38A	2.08	1.62	1.12	0.880	8.08	14.4	10.5	8.41A	5.53	4.85A	2.73	6
7	2.36A	2.02	1.62	1.11	0.883	8.62	14.1	10.6	8.28A	5.52	4.90	2.71	7
8	2.38	1.98	1.57	1.07	0.918	9.24A	13.9	10.6	8.13A	5.56	4.78	2.70	8
9	2.33A	1.95	1.55	1.08	0.888	9.86	13.7	10.6	7.92A	5.44A	4.78	2.70	9
10	2.11A	1.86	1.53	1.07	1.04	10.6 A	13.4	10.6	7.70	5.46	4.78A	2.88	10
11	2.02A	1.78	1.51	1.08	1.08	11.3	13.3	11.1 A	7.66	5.45	4.72A	2.88	11
12	2.12A	1.73	1.58	1.02	1.11	12.0	12.9	11.2	7.32A	5.47A	4.88	2.84	12
13	2.18A	1.78	1.18	1.04	1.22	12.7	12.6A	11.4	7.23	5.48	4.86A	2.88A	13
14	2.20A	1.74	1.13	1.02	1.53	13.4 A	12.6A	11.6	7.08	5.57	4.62	2.83E	14
15	2.31A	1.76	1.13	0.980	1.83 A	14.1	12.2A	11.8	6.88	5.32	4.27	2.86E	15
16	2.21	1.79	1.13	0.861	2.01	14.7	12.0A	11.8	6.77	5.28A	4.23	2.80E	16
17	2.21A	1.80	1.14	0.861	2.28	15.2	11.7A	11.4 A	6.68	5.14	4.14A	2.47E	17
18	2.20	1.80	1.14	0.858	2.84	15.6	11.4A	11.2	6.66	5.08A	4.02	2.44E	18
19	2.21A	1.76	1.14	0.848	3.80	15.8	11.4A	11.3	6.32	5.01	3.88	2.42E	19
20	2.20A	1.81	1.13	0.841	4.18	16.6	11.8A	11.2	6.26	5.00A	3.78A	2.38E	20
21	2.20A	1.80	1.14	0.835	4.80	16.7	11.8A	11.0	6.18	5.11A	3.80	2.38E	21
22	2.20	1.82	1.14	0.826	4.82	16.6	11.7	10.9	6.07	5.12	3.81	2.33E	22
23	2.20A	1.80	1.14	0.823	5.35	16.6	11.6	10.7	6.01	5.11	3.80	2.31E	23
24	2.22A	1.80	1.14	0.808	5.63	16.6	11.8A	10.6	5.88	5.13	3.33	2.27E	24
25	2.15E	1.80	1.14	0.872	5.86	16.7	11.8A	10.4	5.77	5.18A	3.29	2.26E	25
26	2.10E	1.83	1.13	0.881	5.70	15.8	11.8A	10.4	5.74A	5.11	3.21	2.23E	26
27	2.10E	1.86	1.13	0.868	5.88	16.4	11.8A	10.2	5.64	4.88A	3.11A	2.30E	27
28	2.13A	1.78	1.13	0.886	5.71	16.1	11.6	9.98A	5.88A	4.93	3.02	2.17E	28
29	2.15		1.13	0.887	5.61	15.8	11.1	9.83	5.64A	4.87	3.14	2.15E	29
30	2.26		1.13	0.824	5.88	15.8 A	11.0	9.70A	5.84	5.07A	3.14	2.12	30
31	2.33		1.12		5.88		10.9	9.48A		4.89A		3.12A	31
TOTAL	69.78	54.07	39.62	29.768	91.381	387.33	383.4	336.38	211.18	163.74	123.88	78.17	TOTAL
MEAN	2.25	1.93	1.27	0.992	2.95	12.9	12.7	10.8	7.04	5.28	4.13	2.52	MEAN
MAX	2.60	2.32	1.73	1.14	5.88	16.8	15.8	11.8	8.38	5.57	4.88	3.14	MAX
MIN	2.02	1.73	1.13	0.824	0.822	8.27	10.9	9.48	5.84	4.89	3.02	2.12	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.41
MAXIMUM DAILY, 16.8 ON JUN 22
MINIMUM DAILY, 0.822 ON MAY 1
MAXIMUM INSTANTANEOUS,
17.0 AT 20:45 MST ON JUN 22

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 02 53 N
LONG 110 26 19 W
DRAINAGE AREA, 1 030 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	6 030	JUL	34 000
FEB	4 670	AUG	29 000
MAR	3 410	SEP	18 200
APR	2 570	OCT	14 100
MAY	7 880	NOV	10 700
JUN	33 000	DEC	6 750

TOTAL DISCHARGE, 171 000 dam³

WECHO RIVER AT OUTLET OF INGLIS LAKE - STATION NO. 07SA006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.80E	8.73E	8.84	4.72	4.18	11.3	10.1	8.88	5.80	4.33	4.38	5.37	1
2	7.61E	8.70E	8.69	4.87	4.34	11.7	10.8	8.87	5.81	4.28	4.41	5.41	2
3	7.75E	8.68E	8.48	4.80	4.38	12.2	10.4	8.48	5.46	4.18	4.42	5.48	3
4	7.71E	8.63E	8.48	4.88	4.44	12.7	10.4	8.30	5.41	4.14	4.83	5.37	4
5	7.88E	8.58E	8.44	4.80	4.48	13.2	10.9	8.17	5.40	4.18	4.81	5.33	5
6	7.84E	8.58E	8.48	4.82	4.54	13.2	10.8	8.02	5.41	4.22	4.87	5.33	6
7	7.81E	8.81E	8.48	4.44	4.61	13.8	10.8	8.72	5.38	4.28	4.72	5.33	7
8	7.87E	8.48E	8.39	4.42	4.84	14.0	10.8	8.83	5.17	4.18	4.78	5.28	8
9	7.58E	8.44E	8.34	4.48	4.74	14.2	14.8	8.82	5.13	4.21	4.81	5.33	9
10	7.80E	8.40E	8.28	4.48	4.77	14.8	14.2	8.28	5.08	4.21	4.88	5.28	10
11	7.47E	8.34E	8.37	4.38	4.84	15.0	13.8	8.03	5.02	4.18	4.88	5.30	11
12	7.43E	8.28E	8.41	4.33	5.18	15.4	13.8	7.84	4.88	4.17	4.82	5.34	12
13	7.40E	8.22E	8.31	4.28	5.38	15.7	13.5	7.87	4.87	4.18	4.88	5.37	13
14	7.38E	8.18E	8.28	4.33	5.83	15.8	13.3	7.88	4.83	4.14	5.00	5.38	14
15	7.33E	8.10E	8.31	4.13	5.88	15.4	13.8	7.42	4.88	4.13	5.04	5.37	15
16	7.38E	8.08A	8.14	4.13	5.88	15.4	12.7	7.24	4.89	4.11	5.08	5.36	16
17	7.33E	8.14	8.08	4.08	5.24	15.8	12.4	7.10	4.78	4.10	5.18	5.30	17
18	7.17E	8.12	8.08	4.05	5.62	15.8	13.3	7.01	4.78	4.10	5.20	5.26	18
19	7.13E	8.08	8.04	4.05	5.84	16.0	13.3	7.08	4.78	4.10	5.22	5.18	19
20	7.07E	8.10	8.03	4.04	5.71	15.8	12.2	7.02	4.87	4.11	5.22	5.18	20
21	7.08E	8.02	8.00	3.98	7.03	15.8	12.8	6.82	4.88	4.13	5.22	5.14	21
22	7.04E	8.88	4.87	3.97	7.33	15.8	12.8	6.83	4.83	4.14	5.24	5.18	22
23	7.03E	8.84	4.80	3.88	7.70	16.1	13.2	6.38	4.43	4.18	5.27	5.28	23
24	7.01E	8.87	4.83	3.88	7.88	16.2	14.8	6.21	4.43	4.18	5.31	5.32	24
25	7.00E	8.78	4.77	3.86	8.43	16.0	13.4	6.18	4.43	4.17	5.31	5.34	25
26	8.88E	8.88	4.78	3.84	8.54	15.8	11.8	6.11	4.43	4.20	5.31	5.38	26
27	8.83E	8.81	4.78	3.84	8.83	15.7	11.8	6.01	4.40	4.24	5.30	5.33	27
28	8.88E	8.88	4.78	3.89	8.51	15.8	10.8	5.88	4.37	4.27	5.38	5.28	28
29	8.88E		4.78	4.00	8.88	15.8	10.8	5.78	4.38	4.38	5.43	5.12	29
30	8.83E		4.78	4.13	10.8	15.1	10.3	5.70	4.38	4.38	5.48	5.18	30
31	8.78E		4.78		10.8		9.88	5.84		4.33		5.28	31
TOTAL	225.84	174.32	189.43	128.88	200.31	445.1	421.88	232.38	145.88	128.82	150.11	164.10	TOTAL
MEAN	7.28	8.22	8.14	4.23	8.48	14.8	13.8	7.48	4.87	4.18	5.00	5.28	MEAN
MAX	7.80	8.73	8.84	4.72	10.8	16.2	14.8	8.88	5.80	4.33	5.48	5.48	MAX
MIN	6.78	8.88	4.78	3.84	4.18	11.3	9.88	5.84	4.38	4.10	4.38	5.12	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.08
MAXIMUM DAILY, 16.2 ON JUN 24
MINIMUM DAILY, 3.84 ON APR 26
MAXIMUM INSTANTANEOUS,
17.2 AT 22:32 MST ON JUL 22

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 10 37 N
LONG 118 11 33 W
DRAINAGE AREA, 3 400 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	19 500	JUL	36 400
FEB	15 100	AUG	20 100
MAR	13 800	SEP	13 000
APR	11 000	OCT	11 300
MAY	17 300	NOV	13 000
JUN	36 500	DEC	14 200

TOTAL DISCHARGE, 223 000 dam³

WELDON CREEK NEAR THE MOUTH - STATION NO. 10LA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	0B	0 B	13.7	10.4	0.472	0.448	2.85	0.550B	0.0550B	1
2	0B	0B	0B	0B	0 B	13.5	6.16	0.389	0.555	2.86	0.520B	0.0510B	2
3	0B	0B	0B	0B	0.015B	13.7	8.72	0.279	0.581	2.57	0.490B	0.0570B	3
4	0B	0B	0B	0B	0.080B	12.4	5.72	0.842	0.598	2.20 B	0.480B	0.0540B	4
5	0B	0B	0B	0B	0.120B	12.6	4.63	0.868	0.830	2.13 B	0.425B	0.0510B	5
6	0B	0B	0B	0B	0.220B	13.3	4.16	0.828	0.852	1.84 B	0.400B	0.0480B	6
7	0B	0B	0B	0B	0.270B	12.7	3.45	0.831	0.884	1.75 B	0.375B	0.0450B	7
8	0B	0B	0B	0B	0.365B	11.8	2.95	0.802	0.894	1.62 B	0.352B	0.0430B	8
9	0B	0B	0B	0B	0.510B	10.8	2.52	0.888	0.717	1.50 B	0.330B	0.0410B	9
10	0B	0B	0B	0B	0.600B	9.35	2.15	0.587	0.737	1.41 B	0.305B	0.0390B	10
11	0B	0B	0B	0B	1.30 B	8.22	1.80	0.505	0.833	1.34 B	0.284B	0.0370B	11
12	0B	0B	0B	0B	1.80 B	7.25	1.71	0.481	1.25	1.28 B	0.263B	0.0350B	12
13	0B	0B	0B	0B	2.52 B	8.22	1.44	0.431	1.75	1.24 B	0.245B	0.0340B	13
14	0B	0B	0B	0B	3.58 B	8.14	1.37	0.420	2.25	1.20 B	0.227B	0.0330B	14
15	0B	0B	0B	0B	5.30 B	12.7	1.18	0.400	2.71	1.16 B	0.210B	0.0310B	15
16	0B	0B	0B	0B	7.80 B	31.1	1.15	0.348	3.18	1.12 B	0.193B	0.0300B	16
17	0B	0B	0B	0B	10.6 B	40.8	1.11	0.323	3.57	1.07 B	0.179B	0.0290B	17
18	0B	0B	0B	0B	15.6 B	40.1	0.848	0.328	3.82	1.03 B	0.163B	0.0280B	18
19	0B	0B	0B	0B	27.0 B	31.8	0.828	0.320	3.54	0.980B	0.151B	0.0270B	19
20	0B	0B	0B	0B	40.0 B	23.7	0.888	0.319	3.23	0.950B	0.139B	0.0260B	20
21	0B	0B	0B	0B	49.0 B	18.1	0.811	0.378	2.83	0.925B	0.128B	0.0250B	21
22	0B	0B	0B	0B	61.3	14.1	0.859	0.600	2.81	0.895B	0.119B	0.0240B	22
23	0B	0B	0B	0B	46.7	11.2	0.490	0.718	2.48	0.860B	0.111B	0.0240B	23
24	0B	0B	0B	0B	38.7	9.20	0.528	0.728	2.44	0.828B	0.102B	0.0230B	24
25	0B	0B	0B	0B	32.8	11.3	0.628	0.725	2.42	0.795B	0.0958B	0.0230B	25
26	0B	0B	0B	0B	26.0	30.5	0.504	0.831	2.50	0.760B	0.0885B	0.0220B	26
27	0B	0B	0B	0B	21.8	26.1	0.478	0.557	2.58	0.725B	0.0848B	0.0210B	27
28	0B	0B	0B	0B	18.1	25.7	0.527	0.471	2.87	0.690B	0.0805B	0.0210B	28
29	0B		0B	0B	16.8	18.9	0.547	0.484	2.99	0.660B	0.0725B	0.0200B	29
30	0B		0B	0B	15.0	13.8	0.582	0.438	2.99	0.625B	0.0685B	0.0200B	30
31	0B		0B		13.7		0.588	0.430		0.590B		0.0180B	31
TOTAL	0	0	0	0	449.550	522.18	69.432	16.784	58.072	40.520	7.214	1.054	TOTAL
MEAN	0	0	0	0	14.5	17.4	2.24	0.541	1.87	1.31	0.240	0.034	MEAN
MAX	0	0	0	0	61.3	40.8	10.4	0.868	3.82	2.85	0.550	0.055	MAX
MIN	0	0	0	0	0	8.14	0.478	0.319	0.448	0.590	0.069	0.018	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.19
MAXIMUM DAILY, 61.3 ON MAY 22
MINIMUM DAILY, 0B ON JAN 1

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 66 24 48 N
LONG 132 41 41 W
DRAINAGE AREA, 852 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	6 000
FEB	0	AUG	1 450
MAR	0	SEP	5 100
APR	0	OCT	3 500
MAY	38 800	NOV	623
JUN	45 100	DEC	91.1

TOTAL DISCHARGE, 101 000 dam³

WHITEFISH RIVER NEAR THE MOUTH - STATION NO. 10JD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1989

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.02 B	0.840B	0.290B	0.165B	0.770B	88.2	48.2	---	---	---	2.05 B	0.855B	1
2	1.97 B	0.813B	0.261B	0.165B	1.40 B	86.5	45.3	---	---	---	2.55 B	0.825B	2
3	1.92 B	0.766B	0.273B	0.167B	2.40 B	88.0	41.6	---	---	---	2.47 B	0.785B	3
4	1.87 B	0.780B	0.265B	0.165B	5.00 B	89.1	38.7	---	---	---	2.37 B	0.765B	4
5	1.82 B	0.720B	0.260B	0.165B	7.30 B	91.6	35.7	---	---	---	2.28 B	0.745B	5
6	1.77 B	0.700B	0.253B	0.165B	13.0 B	95.8	33.1	---	---	---	2.18 B	0.715B	6
7	1.72 B	0.680B	0.247B	0.165B	22.0 B	98.2	30.7	---	---	---	2.11 B	0.690B	7
8	1.67 B	0.660B	0.241B	0.165B	40.0 B	100	28.9	---	---	---	2.02 B	0.665B	8
9	1.63 B	0.630B	0.236B	0.165B	54.0 B	101	27.5	---	---	---	1.95 B	0.645B	9
10	1.58 B	0.610B	0.229B	0.165B	60.5 B	101	25.8	---	---	---	1.88 B	0.625B	10
11	1.54 B	0.590B	0.224B	0.165B	70.0 B	93.6	23.7	---	---	---	1.81 B	0.600B	11
12	1.50 B	0.570B	0.220B	0.165B	80.0 B	87.1	22.3	---	---	---	1.73 B	0.580B	12
13	1.45 B	0.550B	0.215B	0.165B	65.5 B	84.2	20.7	---	---	---	1.67 B	0.560B	13
14	1.42 B	0.530B	0.211B	0.167B	71.0 B	80.5	19.2	---	---	---	1.61 B	0.540B	14
15	1.38 B	0.510B	0.208B	0.168B	77.0 B	86.3	17.6	---	---	---	1.55 B	0.523B	15
16	1.35 B	0.493B	0.204B	0.168B	85.0 B	94.0	16.0	---	---	---	1.49 B	0.507B	16
17	1.31 B	0.475B	0.200B	0.170B	80.0 B	102	14.7	---	---	---	1.44 B	0.493B	17
18	1.27 B	0.465B	0.197B	0.172B	92.0 B	107	13.6	---	---	---	1.38 B	0.477B	18
19	1.23 B	0.449B	0.193B	0.174B	90.0 B	107	12.6	---	---	---	1.33 B	0.462B	19
20	1.20 B	0.422B	0.190B	0.176B	88.0 B	106	11.9	---	---	---	1.27 B	0.446B	20
21	1.17 B	0.404B	0.187B	0.179B	86.3 B	101	11.0	---	---	---	1.22 B	0.432B	21
22	1.14 B	0.387B	0.185B	0.183B	83.1	94.8	10.1	---	---	---	1.18 B	0.418B	22
23	1.10 B	0.372B	0.182B	0.187B	86.5	89.1	9.38	---	---	---	1.14 B	0.406B	23
24	1.07 B	0.356B	0.180B	0.192B	97.0	83.6	8.73	---	---	---	1.10 B	0.392B	24
25	1.03 B	0.341B	0.179B	0.198B	88.6	78.1	8.18	---	---	---	1.06 B	0.382B	25
26	1.00 B	0.329B	0.176B	0.205B	85.7	72.2	7.80	---	---	---	1.03 B	0.368B	26
27	0.980B	0.316B	0.175B	0.212B	84.3	68.2	7.28A	---	---	---	0.990B	0.356B	27
28	0.950B	0.307B	0.174B	0.252B	83.3	63.6	6.80E	---	---	---	0.950B	0.346B	28
29	0.920B		0.172B	0.300B	82.0	57.7	6.45E	---	---	---	0.915B	0.338B	29
30	0.890B		0.171B	0.430B	80.5	53.2	6.08E	---	---	---	0.885B	0.329B	30
31	0.865B		0.170B		88.3		5.70E	---		---		0.320B	31
TOTAL	42.745	15.059	6.591	5.692	2 051.870	2 693.1	619.48	---	---	---	48.210	16.306	TOTAL
MEAN	1.38	0.538	0.213	0.190	66.2	89.8	19.9	---	---	---	1.61	0.526	MEAN
MAX	2.02	0.840	0.290	0.430	97.0	107	48.2	---	---	---	2.55	0.855	MAX
MIN	0.865	0.307	0.170	0.165	0.770	53.2	5.70	---	---	---	0.885	0.320	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 107 ON JUN 18
MINIMUM DAILY, 0.165B ON APR 6
MAXIMUM INSTANTANEOUS,
107 AT 19:00 MST ON JUN 18

SUMMARY FOR THE YEAR 1989

TYPE OF GAUGE - RECORDING
LOCATION - LAT 65 44 04 N
LONG 124 37 22 W
DRAINAGE AREA, 4 740 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 690	JUL	53 300
FEB	1 300	AUG	---
MAR	569	SEP	---
APR	492	OCT	---
MAY	177 000	NOV	4 170
JUN	233 000	DEC	1 430

WHITESAND RIVER NEAR ALTA/NWT BOUNDARY - STATION NO. 07PA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.3038	0.2378	0.2068	0.1808	57.0B	42.0	14.2 E	93.8	27.0	18.0	13.7 B	3.788	1
2	0.3008	0.2388	0.2068	0.1848	82.5B	40.8	13.0 E	78.7	26.3	14.8	13.0 B	3.828	2
3	0.2938	0.2368	0.2078	0.1868	108 B	41.7	12.8 E	66.1	21.8	13.8	12.5 B	3.488	3
4	0.2838	0.2348	0.2088	0.1928	127 B	38.1	13.7 E	57.8	19.3	13.0	11.5 B	3.368	4
5	0.2898	0.2338	0.2058	0.2008	138	36.8	13.0 E	51.7	17.3	12.7	11.3 B	3.238	5
6	0.2868	0.2328	0.2048	0.2208	133	80.6	11.8 E	48.7	16.0	12.4	10.7 B	3.118	6
7	0.2628	0.2318	0.2038	0.2458	132	82.6	10.7 E	47.6	15.1	11.7	10.2 B	3.008	7
8	0.2768	0.2308	0.2028	0.2758	128	80.8	10.2 E	41.8	14.3	11.1	9.708	2.908	8
9	0.2768	0.2298	0.2018	0.3108	122	88.5	10.0 E	38.3	13.7	11.4	9.208	2.818	9
10	0.2718	0.2288	0.2008	0.3808	107	80.7	9.70E	35.8	20.8	12.8	8.888	2.728	10
11	0.2888	0.2278	0.1988	0.3858	101	44.3	9.40E	25.8	20.8	18.3	8.408	2.838	11
12	0.2848	0.2268	0.1988	0.4508	102	38.8	9.10E	21.8	19.8	18.2	8.008	2.848	12
13	0.2828	0.2258	0.1988	0.5108	96.8	33.8	8.80E	18.8	17.8	18.8	7.708	2.488	13
14	0.2808	0.2248	0.1978	0.5808	84.8	28.8	8.80E	18.3	18.0	18.7	7.408	2.388	14
15	0.2688	0.2238	0.1988	0.8608	73.0	26.8	8.40E	16.4	18.3	18.1	7.108	2.278	15
16	0.2888	0.2228	0.1888	0.7808	82.0	33.7	8.20E	18.1	15.8	17.0	8.408	2.208	16
17	0.2548	0.2218	0.1848	0.8808	87.1	32.0	8.20E	15.4	16.2	14.4	8.608	2.138	17
18	0.2828	0.2208	0.1838	0.9808	82.8	30.8	8.40E	17.7	22.8	16.8	8.208	2.088	18
19	0.2508	0.2198	0.1928	1.10 B	46.8	28.7	10.0 E	17.3	22.8	18.8	8.888	2.088	19
20	0.2488	0.2188	0.1918	1.38 B	42.8	23.1	17.0	16.2	22.0	20.8	8.708	2.008	20
21	0.2488	0.2178	0.1908	1.60 B	41.8	23.8	25.8	16.2	20.8	23.8	8.488	1.948	21
22	0.2478	0.2168	0.1898	1.80 B	42.8	22.1	34.8	16.8	19.1	24.1	8.258	1.888	22
23	0.2488	0.2158	0.1888	2.60 B	41.8	21.8	88.3	16.8	18.2	22.7	8.088	1.838	23
24	0.2458	0.2148	0.1878	3.10 B	38.7	18.8	78.1	20.7	18.0	21.0	4.858	1.788	24
25	0.2448	0.2138	0.1888	3.80 B	83.3	18.0	78.8	21.8	20.1	20.0	4.858	1.708	25
26	0.2438	0.2128	0.1858	5.00 B	83.3	18.8	83.8	22.0	20.4	19.4	4.508	1.858	26
27	0.2428	0.2118	0.1848	6.00 B	78.7	16.8	82.8	28.4	19.8	18.2	4.358	1.808	27
28	0.2418	0.2108	0.1838	15.3 B	88.4	14.8E	43.8	32.5	19.1	17.0B	4.208	1.558	28
29	0.2408		0.1828	70.0 B	88.8	14.3E	88.1	35.0	18.8	16.0B	4.058	1.508	29
30	0.2398		0.1818	84.0 B	82.8	14.0E	120	34.1	17.4	15.1B	3.908	1.458	30
31	0.2388		0.1808		47.7		118	30.4		14.3B		1.408	31
TOTAL	8.118	6.258	6.024	185.298	2 526.2	842.8	868.30	1 001.4	577.2	518.7	227.00	72.85	TOTAL
MEAN	0.262	0.224	0.195	6.18	81.5	31.4	31.2	32.3	19.2	16.7	7.57	2.35	MEAN
MAX	0.303	0.237	0.208	70.0	138	82.8	120	93.8	27.0	24.1	13.7	3.78	MAX
MIN	0.238	0.210	0.180	0.180	41.8	18.0	8.20	16.4	15.1	11.1	3.80	1.40	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.3
MAXIMUM DAILY, 138 ON MAY 5
MINIMUM DAILY, 0.1808 ON MAR 31

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 00 17 N
LONG 118 34 44 W
DRAINAGE AREA, 3 410 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	701	JUL	83 500
FEB	541	AUG	88 500
MAR	521	SEP	48 000
APR	16 000	OCT	44 800
MAY	218 000	NOV	19 600
JUN	81 400	DEC	8 300

TOTAL DISCHARGE, 808 000 dam³

WILLOWLAKE RIVER ABOVE MEYANDALI CREEK - STATION NO. 10EB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	14.8 B	8.108	8.708	3.308	8208	180	110	38.0E	28.8	18.8	12.78	10.4 B	1
2	14.3 B	8.208	8.608	3.258	7098	164	108	37.8E	28.7	18.0	13.48	10.4 B	2
3	13.8 B	8.208	8.208	3.228	6298	160	108	37.3E	24.5	20.0	13.38	10.4 B	3
4	13.4 B	8.108	8.008	3.218	497	148	108	36.8E	23.5	21.3	14.18	11.0 B	4
5	13.0 B	8.008	8.808	3.208	424	181	102	36.3E	22.7	21.7	18.48	11.2 B	5
6	12.7 B	7.908	8.808	3.188	382	190	87.3	35.8E	21.8	22.0	18.48	11.4 B	6
7	12.4 B	7.808	8.808	3.178	362	288	82.8	35.3E	21.1	23.1	14.98	11.8 B	7
8	12.0 B	7.708	8.408	3.108	334	370	88.7	34.8E	20.8	22.8	14.28	11.8 B	8
9	11.7 B	7.608	8.208	3.138	384	387	80.8	33.8E	20.4	23.3	13.88	12.0 B	9
10	11.8 B	7.808	8.208	3.708	408	388	74.8	33.3E	20.4	24.0	13.38	11.8 B	10
11	11.3 B	7.508	8.108	3.858	443	381	88.4	32.3A	19.8	24.8	12.28	11.3 B	11
12	11.0 B	7.708	8.008	3.838	421	317	88.1	31.2	18.8	26.8	11.78	11.0 B	12
13	10.8 B	7.708	4.908	3.888	428	278	81.8A	30.8	18.4	26.7	11.38	11.2 B	13
14	10.5 B	7.808	4.808	4.218	478	246	88.8E	28.8	18.3	26.8	11.88	11.8 B	14
15	10.3 B	7.808	4.808	4.888	524	236	88.0E	27.3	18.2	21.8 B	11.88	11.4 B	15
16	10.1 B	7.808	4.788	4.378	532	247	83.7E	26.8	17.8	18.2 B	12.28	11.2 B	16
17	9.908	7.808	4.708	4.488	881	241	82.3E	25.8	17.4	18.4 B	11.88	11.1 B	17
18	9.708	7.008	4.858	4.828	834	228	81.4E	25.4	17.8	18.8 B	10.88	10.8 B	18
19	9.508	8.808	4.808	4.888	488	218	80.4E	24.7	17.8	18.0 B	11.28	11.0 B	19
20	9.308	8.208	4.808	8.088	483	218	48.3E	23.9	17.7	15.8 B	10.88	10.9 B	20
21	9.108	8.808	4.508	5.158	403	210	48.3E	24.4	17.4	18.2 B	12.18	10.8 B	21
22	8.908	8.008	4.408	5.238	387	188	47.3E	25.2	18.3	14.2 B	12.88	10.8 B	22
23	8.808	8.208	4.308	5.588	317	163	46.4E	25.1	18.2	12.1 B	12.48	10.8 B	23
24	8.808	8.308	4.208	8.888	283	186	45.8E	26.8	18.0	12.5 B	12.18	10.1 B	24
25	8.488	8.808	4.108	8.288	258	183	44.8E	31.8	17.8	11.8 B	12.28	9.888	25
26	8.528	8.808	3.988	18.2 B	238	163	44.1E	34.1	17.8	8.418	12.18	9.218	26
27	8.308	8.708	3.808	24.8 B	218	132	43.1E	33.8	18.2	7.918	11.28	8.948	27
28	8.208	8.808	3.708	72.0 B	203	122	41.8E	32.4	18.1	7.508	10.88	8.758	28
29	8.108		3.608	288 B	190	118	40.8E	30.8	18.0	8.008	10.58	8.588	29
30	8.008		3.488	370 B	178	113	39.8E	28.8	18.2	8.608	10.28	8.738	30
31	8.008		3.358		169		38.7E	27.8		8.258		8.878	31
TOTAL	328.00	204.00	148.48	848.81	12 288	6 514	2 013.7	888.2	588.3	536.17	372.2	328.88	TOTAL
MEAN	10.5	7.28	4.82	28.2	388	217	85.0	30.8	19.8	17.4	12.4	10.8	MEAN
MAX	14.8	8.28	8.70	370	708	387	110	38.0	28.8	28.8	18.4	12.8	MAX
MIN	8.00	8.80	3.35	3.10	169	113	38.7	23.8	17.4	7.50	10.2	8.58	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 66.8
MAXIMUM DAILY, 708 ON MAY 2
MINIMUM DAILY, 3.108 ON APR 8

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 38 01 N
LONG 122 53 51 W
DRAINAGE AREA, 20 200 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	28 100	JUL	174 000
FEB	17 600	AUG	82 500
MAR	12 900	SEP	68 800
APR	73 100	OCT	46 800
MAY	1 080 000	NOV	32 200
JUN	583 000	DEC	28 400

TOTAL DISCHARGE, 2 170 000 dam³

REMARKS - FORMERLY PUBLISHED AS "NEAR THE MOUTH"

NORTHWEST TERRITORIES

YATHKYED LAKE NEAR KAZAN RIVER INLET - STATION NO. 08LC004

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	197.708	197.758	197.760	197.738	197.752	197.726	198.711	198.451	198.020	197.785	197.700	197.702	1
2	197.713	197.758	197.748	197.741	197.757	197.722	198.700	198.434	198.010	197.780	197.695	197.707	2
3	197.713	197.757	197.748	197.748	197.757	197.721	198.700	198.424	197.982	197.758	197.692	197.718	3
4	197.713	197.754	197.748	197.741	197.758	197.720	198.701	198.406	197.883	197.755	197.688	197.720	4
5	197.713	197.751	197.748	197.740	197.758	197.719	198.697	198.385	197.851	197.755	197.688	197.721E	5
6	197.713	197.751	197.748	197.741	197.758	197.714	198.695	198.384	197.888	197.748	197.688	197.723E	6
7	197.710	197.738	197.748	197.740	197.757	197.715	198.693	198.350	197.885	197.737	197.688	197.728E	7
8	197.713	197.742	197.752	197.740	197.758	197.715	198.690	198.332	197.841	197.748	197.683	197.727E	8
9	197.711	197.747	197.751	197.740	197.758	197.715	198.688	198.321	197.838	197.745	197.680	197.728E	9
10	197.717	197.748	197.746	197.741	197.760	197.727	198.688	198.288	197.820	197.743	197.678	197.731E	10
11	197.721	197.748	197.748	197.744	197.760	197.745	198.684	198.280	197.802	197.744	197.672	197.734E	11
12	197.724	197.748	197.750	197.744	197.761	197.761	198.680	198.268	197.811	197.722	197.681	197.738E	12
13	197.735	197.741	197.739	197.738	197.762	197.848	198.668	198.244	197.884	197.720	197.687	197.738E	13
14	197.738	197.741	197.741	197.738	197.763	197.844	198.660	198.233	197.802	197.718	197.686	197.740E	14
15	197.729	197.743	197.737	197.737	197.758	198.055	198.655	198.219	197.892	197.719	197.682	197.742E	15
16	197.730	197.747	197.736	197.733	197.758	198.180	198.645	198.196	197.882	197.718	197.680	197.745E	16
17	197.730	197.752	197.742	197.730	197.760	198.247	198.631	198.177	197.878	197.718	197.677	197.747E	17
18	197.730	197.748	197.741	197.740	197.757	198.321	198.620	198.155	197.820	197.720	197.673	197.750E	18
19	197.730	197.753	197.738	197.738	197.757	198.382	198.608	198.144	197.883	197.713	197.678	197.752E	19
20	197.730	197.750	197.737	197.742	197.757	198.426	198.610	198.148	197.781	197.718	197.676	197.755E	20
21	197.730	197.751	197.737	197.748	197.751	198.467	198.599	198.123	197.783	197.717	197.678	197.757E	21
22	197.730	197.758	197.742	197.752	197.748	198.516	198.584	198.102	197.781	197.713	197.677	197.758E	22
23	197.738	197.753	197.740	197.753	197.750	198.551	198.582	198.092	197.828	197.713	197.678	197.762E	23
24	197.741	197.752	197.738	197.758	197.754	198.584	198.585	198.103	197.806	197.713	197.680	197.764E	24
25	197.742	197.748	197.736	197.757	197.738	198.618	198.581	198.101	197.788	197.711	197.680	197.767E	25
26	197.742	197.755	197.737	197.760	197.738	198.643	198.537	198.092	197.822	197.705	197.685	197.768E	26
27	197.752	197.752	197.736	197.755	197.732	198.666	198.522	198.088	197.781	197.713	197.687	197.772E	27
28	197.756	197.750	197.732	197.758	197.726	198.685	198.511	198.058	197.745	197.717	197.693	197.775E	28
29	197.751		197.734	197.757	197.724	198.695	198.495	198.034	197.781	197.708	197.684	197.778E	29
30	197.748		197.737	197.757	197.731	198.704	198.478	198.032	197.758	197.700	197.688	197.781E	30
31	197.756		197.738		197.728		198.482	198.028		197.701		197.784E	31
MEAN	197.729	197.750	197.742	197.745	197.751	198.141	198.622	198.218	197.875	197.728	197.684	197.748	MEAN
MAX	197.761	197.758	197.752	197.760	197.763	198.704	198.711	198.451	198.020	197.785	197.700	197.784	MAX
MIN	197.708	197.738	197.732	197.730	197.724	197.714	198.482	198.028	197.745	197.700	197.672	197.702	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1988

MEAN, 197.888
MAXIMUM DAILY, 198.711 ON JUL 1
MINIMUM DAILY, 197.672 ON NOV 11
MAXIMUM INSTANTANEOUS,
198.721 AT 16:37 CST ON JUL 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 41 50 N
LONG 98 16 20 W

E - ESTIMATED

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

REMARKS - 1978 B.M. (ASSUMED DATUM NO. 1) DESTROYED

YELLOWKNIFE RIVER AT INLET TO PROSPEROUS LAKE - STATION NO. 07SB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	53.3	48.3	40.4	31.8	24.8	31.5	30.7	38.8	38.0	31.0	27.8	28.5	1
2	55.2	48.3	40.1	31.5	25.0	31.8	30.3	37.3	37.7	30.7	27.8	28.4	2
3	53.8	48.8	39.8	31.3	25.5	31.7	30.2A	38.0	37.8	30.8	27.7	28.3	3
4	52.1	48.1	39.8	31.1	25.1	31.8	29.8E	36.5	37.3	30.5	27.8	28.0	4
5	51.7	47.7	39.8	30.8	25.2	31.8	29.8E	36.7	37.0	30.6	27.8	28.7	5
6	51.4	47.4	39.2	30.8	25.4	31.7	29.3E	39.2	38.7	30.6	27.8	28.6	6
7	51.8	48.6	39.1	30.2	25.6	31.7	29.0E	39.6	38.2	30.5	28.0	28.6	7
8	51.7	48.1	40.8	30.0	26.4	31.8	28.7E	40.0	35.8	30.3	27.8	28.6	8
9	51.7	48.8	39.2	29.8	26.1	31.7	28.4E	40.4	35.7	30.2	27.8	28.7	9
10	52.0	48.2	38.3	29.2	26.3	31.8	28.1E	40.8	35.8	30.0	27.7	28.7	10
11	51.8	44.7	37.8	28.8	27.8	32.3	27.9E	40.9	36.8	29.8	27.7	28.7	11
12	51.8	44.4	38.3	28.5	28.8	32.1	27.8E	41.1	34.5	29.4	27.7	28.7	12
13	51.1	43.8	38.0	28.4	28.3	32.0	28.0E	41.0	34.8	29.4	27.3	28.8	13
14	50.7	43.3	37.3	28.2	28.8	31.8	28.1E	41.2	34.4	29.8	27.3	28.8	14
15	50.8	43.1	37.1	28.0	28.8	31.8	28.2E	41.1	34.6	28.8	27.8	28.8	15
16	50.4	43.5	38.7	27.7	28.0	32.0	28.4E	40.8	34.2	28.8	27.8	28.4	16
17	52.4	48.1	38.8	27.8	28.3	31.8	28.8E	41.0	34.0	28.0	27.3	28.8	17
18	52.4	44.5	38.3	27.8	28.1	31.8	28.4A	41.1	33.7	28.8	27.2	28.8	18
19	52.1	43.8	38.1	27.1	30.1	31.7	30.3	41.0	33.2	28.8	27.1	28.8	19
20	53.8	42.8	38.7	26.7	30.0	31.8	31.0	40.7	33.2	28.8	27.1	28.8	20
21	52.1	42.3	38.4	28.2	30.4	28.8	31.8	40.8	32.8	28.8	27.1	28.4	21
22	51.2	42.1	38.0	28.8	30.7	32.0	32.2	40.1	33.0	28.8	28.8	28.3	22
23	50.8	41.8	34.4	28.8	30.7	32.2	33.7	39.8	32.3	28.8	28.7	28.3	23
24	50.7	41.8	34.0	28.1	30.8	31.0	34.4	38.8	32.2	28.8	28.8	28.2	24
25	50.3	41.1	34.2	24.8	30.8	31.4	34.8	38.2	32.1	28.3	28.4	28.1	25
26	50.3	41.1	38.3	24.8	30.8	30.8	38.2	38.0	31.7	28.3	28.4	28.2	26
27	50.8	40.8	34.2	24.2	31.0	30.7	38.8	38.8	31.4	28.1	28.3	28.2	27
28	50.4	40.2	34.2	24.2	31.2	30.7	38.8	38.8	31.4	28.2	28.3	28.1	28
29	48.8		33.8	24.4	31.8	30.7	38.8	38.8	31.3	28.2	28.3	28.0	29
30	49.0		32.8	24.8	31.8	30.8	38.0	38.2	31.2	28.1	28.4	28.1	30
31	48.8		32.1		31.8		38.8	38.2		28.0		24.8	31
TOTAL	1 594.8	1 241.7	1 140.0	834.4	888.3	948.4	984.2	1 228.4	1 028.3	909.0	817.1	793.1	TOTAL
MEAN	51.4	44.3	36.8	27.8	28.8	31.6	31.1	39.7	34.3	29.3	27.2	25.6	MEAN
MAX	55.2	48.8	40.8	31.8	31.8	32.2	38.8	41.2	38.0	31.0	28.8	28.8	MAX
MIN	48.8	40.2	32.1	24.2	24.8	30.8	27.8	38.8	31.2	28.0	28.3	24.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE YEAR 1988

MEAN, 33.8
MAXIMUM DAILY, 55.2 ON JAN 2
MINIMUM DAILY, 24.2 ON APR 27
MAXIMUM INSTANTANEOUS,
60.0 AT 15:48 MST ON JAN 2

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 62 40 10 N
LONG 114 15 45 W
DRAINAGE AREA, 11 300 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1941

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	138 000	JUL	83 200
FEB	107 000	AUG	106 000
MAR	98 500	SEP	88 800
APR	72 100	OCT	78 500
MAY	76 600	NOV	70 600
JUN	81 900	DEC	68 500

TOTAL DISCHARGE, 1 070 000 dam³

YELLOWKNIFE RIVER AT OUTLET FROM PROSPEROUS LAKE - STATION NO. 07SB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	53.8E	45.7E	39.2	32.2	27.8	39.5	38.2	42.8	44.4	34.8	28.8	28.8	1
2	53.8E	45.5E	38.9	32.0	28.0	38.7	38.0	43.3	44.2	34.8	28.7	28.8	2
3	53.3E	45.3E	38.4	31.8	28.4	38.7	38.0	43.8	43.8	34.8	28.7	28.7	3
4	52.8E	45.0E	37.7	31.8	28.4	38.8	37.1	44.3	43.8	35.0	28.8	28.4	4
5	52.8E	44.8E	37.4	31.8	28.7	40.0	38.6	44.8	43.8	34.8	30.2	28.1	5
6	52.3E	44.8E	37.4	31.3	29.1	40.0	38.8	45.3	43.4	34.8	30.2	28.0	6
7	52.0E	44.4E	37.3	31.3	29.8	40.0	38.8	45.8	43.4	34.1	30.2	27.7	7
8	51.7E	44.2E	37.0	31.0	29.8	40.2	38.8	46.3	42.8	34.0	30.1	27.5	8
9	51.4E	43.9E	36.8	30.8	30.6	40.1	38.8	46.8	41.8	34.0	30.1	27.3	9
10	51.2E	43.7E	36.3	30.8	30.8	40.1	38.0	47.4	40.4	33.8	30.0	27.3	10
11	50.9E	43.5E	36.1	30.5	31.2	40.4	35.8	47.8	40.2	33.8	29.8	27.2	11
12	50.6E	43.3E	36.3	30.4	31.6	40.8	35.7	47.8	40.4	33.4	29.8	27.3	12
13	50.3E	43.1E	36.2	30.0	32.6	40.8	35.8	48.0	40.0	33.0	28.8	27.3	13
14	50.0E	42.8E	35.7	30.0	33.2	40.8	35.7	48.8	40.0	32.8	28.4	27.8	14
15	49.8E	42.8A	35.8	29.7	33.7	40.8	35.8	49.0	39.8	32.3	28.2	27.8	15
16	49.8E	42.7	36.2	29.2	34.2	40.4	38.4	48.8	39.7	31.8	28.1	27.1	16
17	49.3E	42.5	35.0	28.1	34.6	40.4	38.2	48.3	39.0	31.7	28.2	28.8	17
18	49.1E	42.3	34.7	28.8	35.1	41.2	38.7	48.2	38.8	31.6	28.2	28.8	18
19	48.8E	42.2	34.6	28.8	35.8	40.8	39.6	48.8	38.3	31.4	28.2	28.9	19
20	48.8E	41.9	34.3	28.6	36.4	40.8	38.3	48.0	37.8	31.4	28.1	28.8	20
21	48.3E	41.4	34.1	28.4	36.8	40.1	37.3	47.8	37.4	32.1	28.8	28.8	21
22	48.1E	41.3	34.1	28.1	37.0	39.2	36.8	47.2	38.4	32.1	28.7	28.9	22
23	47.8E	41.1	34.0	27.9	37.2	38.7	40.0	47.0	38.7	31.8	28.7	28.8	23
24	47.8E	40.8	33.8	27.7	37.4	39.1	40.3	46.8	38.8	31.8	28.8	28.7	24
25	47.4E	40.2	33.3	27.4	37.8	38.7	40.8	46.8	38.0	31.7	28.7	28.7	25
26	47.1E	40.4	33.1	27.3	38.1	38.8	41.0	46.3	35.8	31.2	28.8	28.6	26
27	46.8E	40.1	32.8	27.2	38.2	38.4	41.8	45.8	38.1	30.7	28.2	27.6	27
28	46.7E	39.8	32.6	27.2	38.6	38.3	42.3	45.2	38.7	30.6	28.4	27.2	28
29	46.4E		32.7	27.3	38.6	38.3	42.4	45.1	38.8	30.8	28.6	27.3	29
30	46.2E		32.7	27.8	38.1	38.1	42.0	44.8	38.2	30.8	28.4	27.4	30
31	46.0E		32.8		38.3		42.1	44.8		30.2		27.8	31
TOTAL	1 540.2	1 188.8	1 095.9	885.4	1 047.8	1 192.7	1 178.3	1 440.2	1 188.0	1 010.8	878.2	847.2	TOTAL
MEAN	49.7	42.8	35.4	28.8	33.8	38.8	37.9	46.5	38.8	32.8	28.3	27.3	MEAN
MAX	53.8	45.7	39.2	32.2	38.3	40.8	42.4	48.0	44.4	35.0	30.3	28.7	MAX
MIN	46.0	39.8	32.8	27.2	27.8	38.1	35.2	42.8	35.2	30.2	28.2	25.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 37.0
MAXIMUM DAILY, 53.8E ON JAN 1
MINIMUM DAILY, 25.8 ON DEC 18

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 28 28 N
LONG 113 31 28 W
DRAINAGE AREA, 18 300 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1941

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	133 000	JUL	102 000
FEB	104 000	AUG	124 000
MAR	94 700	SEP	102 000
APR	76 500	OCT	87 300
MAY	90 500	NOV	76 000
JUN	103 000	DEC	73 200

TOTAL DISCHARGE, 1 170 000 dam³

REMARKS - FLOW DATA DERIVED FROM WATER LEVEL DATA OBTAINED AT STATION NO. 07SB014

ALPHABETICAL INDEX/INDEX ALPHABÉTIQUE

NAME	STATION NO.	PAGE
YUKON TERRITORY		
AISHIHIK LAKE NEAR WHITEHORSE	09AA005	1
AISHIHIK RIVER BELOW AISHIHIK LAKE	09AA010	1
ALSEK RIVER ABOVE BATES RIVER	09AB001	2
BABBAGE RIVER BELOW CARIBOU CREEK	10MD002	2
BEAVER RIVER BELOW WHITEFISH RIVER	10BD001	3
BENNETT LAKE AT CARCROSS	09AA004	3
BIG CREEK AT KM 1084.8 ALASKA HIGHWAY	10AA005	4
BIG CREEK NEAR THE MOUTH	09AH003	4
BIG SALMON RIVER NEAR CARMACKS	09AB001	5
BLACKSTONE RIVER NEAR CHAPMAN LAKE AIRSTRIP	10MA003	5
BONNET PLUME RIVER ABOVE GILLESPIE CREEK	10MB004	6
BRIARBASH RIVER AT HAINES JUNCTION	09AA003	6
DONJEK RIVER BELOW KLUANE RIVER	09CA003	7
DUKE RIVER NEAR THE MOUTH	09CA004	7
EAGLE RIVER AT DEMPSTER HIGHWAY BRIDGE	09FB002	8
FIRTH RIVER NEAR THE MOUTH	10MD001	8
FORTYMILE RIVER NEAR THE MOUTH	09EC002	9
FRANCES LAKE AT KILOMETRE 171.4 ROBERT CAMPBELL HIGHWAY	10AB002	9
FRANCES RIVER NEAR WATSON LAKE	10AB001	10
GILTANA CREEK NEAR THE MOUTH	09AA009	10
HESS RIVER ABOVE EMERALD CREEK	09DA001	11
IBEX RIVER NEAR WHITEHORSE	09AC007	11
INDIAN RIVER ABOVE THE MOUTH	09EB003	12
KLONDIKE RIVER ABOVE BONANZA CREEK	09EA003	12
KLUANE RIVER AT OUTLET OF KLUANE LAKE	09CA002	13
LIARD RIVER AT UPPER CROSSING	10AA001	13
LITTLE SOUTH KLONDIKE RIVER BELOW ROSS CREEK	09EA005	14
LUBBOCK RIVER NEAR ATLIN	09AA007	14
M'CLINTOCK RIVER NEAR WHITEHORSE	09AB008	15
MACMILLAN RIVER NEAR THE MOUTH	09EB002	15
MARSH LAKE NEAR WHITEHORSE	09AB004	16
MAYO LAKE NEAR THE OUTLET	09DC005	16
MCQUESTEN RIVER NEAR THE MOUTH	09DD004	17
NISUTLIN RIVER ABOVE WOLF RIVER	09AD001	17
NORDENSKIOLD RIVER BELOW ROWLINSON CREEK	09AH004	18
NORTH KLONDIKE RIVER NEAR THE MOUTH	09EA004	18
OGILVIE RIVER AT KILOMETRE 187.9 DEMPSTER HIGHWAY	10MA002	19
OLD CROW RIVER NEAR THE MOUTH	09FC001	19
PEEL RIVER ABOVE CANYON CREEK	10MA001	20
PELLY RIVER AT PELLY CROSSING	09BC001	20
PELLY RIVER BELOW FORTIN CREEK	09BA002	21
PELLY RIVER BELOW VANGORDA CREEK	09BC004	21
PORCUPINE RIVER AT OLD CROW	09FB001	22
PORCUPINE RIVER BELOW BELL RIVER	09FB001	22
PORCUPINE RIVER NEAR INTERNATIONAL BOUNDARY	09FD002	23
RANCHERIA RIVER NEAR THE MOUTH	10AA004	23
ROSS RIVER AT ROSS RIVER	09EA001	24
SEKULMUN LAKE NEAR WHITEHORSE	09AA007	24
SEKULMUN RIVER AT OUTLET OF SEKULMUN LAKE	09AA008	25
SIDNEY CREEK AT KILOMETRE 48 SOUTH CANOL ROAD	09AD002	25
SNAG CREEK AT KM 1048.4 ALASKA HIGHWAY	09CB002	26
SOUTH BIG SALMON RIVER BELOW LIVINGSTONE CREEK	09AE003	26
SOUTH MACMILLAN RIVER AT KILOMETRE 407 CANOL ROAD	09EB001	27
STEWART RIVER ABOVE FRASER FALLS	09DC003	27
STEWART RIVER AT THE MOUTH	09DD003	28
STEWART RIVER NEAR MAYO	09DC008	28
TAKHANNE RIVER AT KM 187 HAINES HIGHWAY	09AC001	29
TAKHINI RIVER NEAR WHITEHORSE	09AC001	29
TATSHENSHINI RIVER NEAR DALTON POST	09AC002	30
TESLIN LAKE AT TESLIN	09AE002	30
TESLIN RIVER NEAR TESLIN	09AE001	31
TOM CREEK AT KILOMETRE 34.8 ROBERT CAMPBELL HIGHWAY	10AA002	31
WARNHAM LAKE AT HEADGATE	09BC004	32
WHEATON RIVER NEAR CARCROSS	09AA012	32
WHITE RIVER AT KILOMETRE 1581.8 ALASKA HIGHWAY	09CB001	33
WHITESTONE RIVER NEAR THE MOUTH	09FA001	33
YUKON RIVER ABOVE FRANK CREEK	09AB009	34
YUKON RIVER ABOVE WHITE RIVER	09CD001	34
YUKON RIVER AT CARMACKS	09AH001	35
YUKON RIVER AT DAWSON	09EB001	35
YUKON RIVER AT EAGLE	09ED001	36
YUKON RIVER AT WHITEHORSE	09AB001	36
NORTHWEST TERRITORIES		
ACASTA RIVER ABOVE LITTLE CRAPEAU LAKE	10JA004	37
AKKUTUAK CREEK NEAR BAKER LAKE	08MA004	37
ANDERSON RIVER BELOW CARNWATH RIVER	10NC001	38
ANIGAQ RIVER BELOW AUDRA LAKE	08MA007	38
APEX RIVER AT APEX	10UH002	39
ARCTIC RED RIVER NEAR THE MOUTH	10LA002	39
AYITOK CREEK NEAR DISMAL LAKES	10PC002	40
BACK RIVER ABOVE HERMANN RIVER	10RC001	40
BACK RIVER BELOW BEECHY LAKE	10RA001	41
BAILLIE RIVER NEAR THE MOUTH	10RA002	41
BAKER CREEK AT OUTLET OF LOWER MARTIN LAKE	07SB013	42
BAKER LAKE AT BAKER LAKE	08MA001	42
BIG SMITH CREEK NEAR HIGHWAY NO. 1	10HC003	43
BIRCH RIVER AT HIGHWAY NO. 7	10KB003	43
BLACKWATER RIVER AT OUTLET OF BLACKWATER LAKE	10NC005	44
BLUEFISH LAKE NEAR YELLOWKNIFE	07SB015	44
BOOT CREEK NEAR INUVIK	10LC010	45
BOSWORTH CREEK NEAR NORMAN WELLS	10KA007	45

NAME	STATION NO.	PAGE
BROWN RIVER ABOVE BROWN LAKE	08BA008	46
BUFFALO RIVER AT HIGHWAY NO. 6	07PA001	46
BUFFALO RIVER NEAR ALTA/NWT BOUNDARY	07PC001	47
BURNSIDE RIVER NEAR THE MOUTH	10QC001	47
CABIN CREEK ABOVE HIGHWAY NO. 8	10LC008	48
CAMERON RIVER BELOW REID LAKE	07BB010	48
CAMBELL RIVER AT OUTLET OF CLUT LAKE	10JA002	48
CARCAJOU RIVER BELOW IMPERIAL RIVER	10KB001	48
CARIBOU CREEK ABOVE HIGHWAY NO. 8	10LC007	50
CARNWATH RIVER BELOW ANDREW RIVER	10HA001	50
COPPERMINE RIVER ABOVE COPPER CREEK	10PC004	51
COPPERMINE RIVER AT OUTLET OF POINT LAKE	10PB001	51
DIANA RIVER NEAR RANKIN INLET	08NC001	52
DUBAWNT LAKE NEAR SNOW ISLAND	08KC004	52
DUBAWNT RIVER AT OUTLET OF MARJORIE LAKE	08KC003	53
DUNCAN LAKE NEAR YELLOWKNIFE	07BB012	53
ELLICE RIVER NEAR THE MOUTH	10QB001	54
EMILE RIVER AT OUTLET OF BASLER LAKE	07TB001	54
ENNADAI LAKE AT ENNADAI	08LA002	55
FERGUSON RIVER BELOW O'NEIL LAKE	08MB002	55
FLAT RIVER AT TUNGSTEN AIRSTRIP	10EA004	55
FLAT RIVER NEAR THE MOUTH	10EA003	55
FRESHWATER CREEK NEAR CAMBRIDGE BAY	10TF001	57
GORDON RIVER NEAR THE MOUTH	10QC002	57
GREAT BEAR LAKE AT HORNBY BAY	10JE002	58
GREAT BEAR RIVER AT OUTLET OF GREAT BEAR LAKE	10JC003	58
GREAT SLAVE LAKE AT HAY RIVER	07BE002	59
GREAT SLAVE LAKE AT RELIANCE	07EC003	59
GREAT SLAVE LAKE AT YELLOWKNIFE BAY	07BB001	60
HALDANE RIVER NEAR THE MOUTH	10JB001	60
HANS CREEK ABOVE ESKIMO LAKES	10NB004	61
HARRIS RIVER NEAR THE MOUTH	10EC002	61
HAY RIVER NEAR ALTA/NWT BOUNDARY	07BB005	62
HAY RIVER NEAR HAY RIVER	07BB001	62
HAYES RIVER ABOVE CHANTREY INLET	10BB001	63
INDIN RIVER ABOVE CHALCO LAKE	07EA004	63
JEAN-MARIE RIVER AT HIGHWAY NO. 1	10FB005	64
JOHNNY HOE RIVER ABOVE LAC STE. THERESE	10JB001	64
JUNGLE RIDGE CREEK NEAR THE MOUTH	10KA005	65
KAKISA RIVER AT OUTLET OF KAKISA LAKE	07UC001	66
KAZAN RIVER ABOVE KAZAN FALLS	08LC001	66
KAZAN RIVER AT OUTLET OF ENNADAI LAKE	08LA001	66
KENDALL RIVER NEAR OUTLET OF DISMAL LAKES	10PC001	67
KIRCHOFFER RIVER NEAR CORAL HARBOUR	08PA001	67
KOGNAK RIVER BELOW MOUNTAIN LAKE	08MB001	68
KUNWAK RIVER BELOW PRINCESS MARY LAKE	08LC002	68
LA MARTRE RIVER BELOW OUTLET OF LAC LA MARTRE	07TA001	69
LAC LA MARTRE AT LAC LA MARTRE	07TA002	69
LENED CREEK ABOVE LITTLE NAHANNI RIVER	10EB003	70
LIARD RIVER AT FORT LIARD	10EB001	70
LIARD RIVER NEAR THE MOUTH	10EB002	71
LITTLE BUFFALO RIVER BELOW HIGHWAY NO. 6	07PB003	71
LOCKHART RIVER AT OUTLET OF ARTILLERY LAKE	07AB001	72
LORILLARD RIVER ABOVE DALY BAY	08BA001	73
MAC CREEK NEAR THE MOUTH	10EB002	73
MACKENZIE RIVER (EAST CHANNEL) ABOVE KITTIGAZUIT BAY	10LC013	73
MACKENZIE RIVER (EAST CHANNEL) AT INUVIK	10LC002	74
MACKENZIE RIVER (MIDDLE CHANNEL) AT TUNUNUK POINT	10LC012	75
MACKENZIE RIVER (REINDEER CHANNEL) AT ELLICE ISLAND	10MC011	75
MACKENZIE RIVER ABOVE THE RAMPARTS	10KB005	76
MACKENZIE RIVER AT ARCTIC RED RIVER	10LC014	76
MACKENZIE RIVER AT FORT GOOD HOPE	10LB001	77
MACKENZIE RIVER AT FORT SIMPSON	10SC001	77
MACKENZIE RIVER AT NORMAN WELLS	10KA001	78
MACKENZIE RIVER AT SANS SAULT RAPIDS	10KB001	78
MACKENZIE RIVER IN THE RAMPARTS	10KB008	79
MACKENZIE RIVER NEAR FORT PROVIDENCE	10FB001	79
MACKENZIE RIVER NEAR WRIGLEY	10HC001	80
MARJORIE LAKE AT OUTLET	08KC002	80
MARTEN RIVER ABOVE TROUT RIVER	07QC001	81
MARTIN RIVER AT HIGHWAY NO. 1	10SC003	81
MOUNTAIN RIVER BELOW CAMBRIAN CREEK	10KC001	82
NONACHO LAKE NEAR SNOWDRIFT	07QB002	82
NUELTIN LAKE NEAR SMITH BAY	08HA001	83
PEEL RIVER ABOVE FORT MCPHERSON	10MC002	83
PORTER LAKE OUTFLOW	07QB005	84
PRAIRIE CREEK AT CADILLAC MINE	10EC002	84
PRINCE RIVER NEAR BAKER LAKE	08MA006	85
PROSPEROUS LAKE NEAR MCKEEKAN BAY	07BB014	85
QINGUQ CREEK NEAR BAKER LAKE	08MA002	86
QUGICH RIVER ABOVE ST. CLAIR FALLS	08MB001	86
RABBIT CREEK AT HIGHWAY NO. 7	10EB008	87
RAMPARTS RIVER NEAR FORT GOOD HOPE	10KB004	87
RAT RIVER NEAR FORT MCPHERSON	10MC007	88
REDSTONE RIVER 83 km ABOVE MOUTH	10NB005	88
RENGLENG RIVER BELOW HIGHWAY NO. 8	10LC003	88
ROOT RIVER NEAR THE MOUTH	10EA001	88
SAHNDAA CREEK AT HIGHWAY NO. 1	10SC008	90
SILVERBERRY RIVER NEAR LITTLE DAL LAKE	10NB004	90
SIRUAQ CREEK NEAR OUTLET TO KAZAN RIVER	08LC003	91
SLOAN RIVER NEAR THE MOUTH	10JE001	91
SNARE RIVER BELOW GHOST RIVER	07EA002	92
SNOWDRIFT RIVER AT OUTLET OF SILTAZA LAKE	07QB002	92
SOUTH NAHANNI RIVER ABOVE CLAUSEN CREEK	10EC001	92
SOUTH NAHANNI RIVER ABOVE VIRGINIA FALLS	10EB001	93
SYLVIA GRINNELL RIVER NEAR IQALUIT	10UN001	94
TALTSON RIVER ABOVE PORTER LAKE OUTFLOW	07QB004	94
TALTSON RIVER AT OUTLET OF TSU LAKE	07QA001	95
THA-ANNE RIVER BELOW ROSEBLADE LAKE	08NE001	95
THELON RIVER ABOVE BEVERLY LAKE	08JC002	96
THELON RIVER BELOW OUTLET OF SCHULTZ LAKE	08MA008	96
THLEWIAZA RIVER BELOW SEALHOLE LAKE	08NB002	97

NAME	STATION NO.	PAGE
THOA RIVER NEAR INLET TO HILL ISLAND LAKE	07DC003	97
THONOKIED RIVER NEAR THE MOUTH	07HC001	98
TRAIL VALLEY CREEK NEAR INUVIK	10MD002	98
TREE RIVER NEAR THE MOUTH	10KA001	99
TROUT RIVER AT HIGHWAY NO. 1	10FA002	99
TSICHU RIVER AT CANOL ROAD	10HA002	100
TWITYA RIVER NEAR THE MOUTH	10HA003	100
WALDRON RIVER NEAR THE MOUTH	07EC002	101
WECHO RIVER AT OUTLET OF INGLIS LAKE	07EA005	101
WELDON CREEK NEAR THE MOUTH	10LA004	102
WHITEFISH RIVER NEAR THE MOUTH	10JD002	102
WHITESAND RIVER NEAR ALTA/NWT BOUNDARY	07PA002	103
WILLOWLAKE RIVER ABOVE MUTANDALI CREEK	10SB004	103
YATHKYED LAKE NEAR KAZAN RIVER INLET	08LC004	104
YELLOWKNIFE RIVER AT INLET TO PROSPEROUS LAKE	07SB003	104
YELLOWKNIFE RIVER AT OUTLET FROM PROSPEROUS LAKE	07SB002	105

STATION NUMBER INDEX/INDEX NUMÉRIQUE DES STATIONS

STATION NO.	NAME	PAGE
	YUKON TERRITORY	
08AA003	BEZA8EASH RIVER AT HAINES JUNCTION	8
08AA005	AISHINIK LAKE NEAR WHITEHORSE	1
08AA007	SEKULMUN LAKE NEAR WHITEHORSE	24
08AA008	SEKULMUN RIVER AT OUTLET OF SEKULMUN LAKE	25
08AA009	SILTANA CREEK NEAR THE MOUTH	10
08AA010	AISHINIK RIVER BELOW AISHINIK LAKE	1
08AB001	ALSEK RIVER ABOVE BATES RIVER	2
08AC001	TAKHANNE RIVER AT KM 187 HAINES HIGHWAY	28
08AC002	TATSHENSHINI RIVER NEAR DALTON POST	30
08AA004	BENNETT LAKE AT CARCROSS	3
08AA007	LUBBOCK RIVER NEAR ATLIN	14
08AA012	WHEATON RIVER NEAR CARCROSS	32
08AB001	YUKON RIVER AT WHITEHORSE	38
08AB004	MARSH LAKE NEAR WHITEHORSE	18
08AB006	M'CLINTOCK RIVER NEAR WHITEHORSE	18
08AB009	YUKON RIVER ABOVE FRANK CREEK	36
08AC001	TAKHINI RIVER NEAR WHITEHORSE	28
08AC007	IBEX RIVER NEAR WHITEHORSE	11
08AD001	NISUTLIN RIVER ABOVE WOLF RIVER	17
08AD002	SIDNEY CREEK AT KILOMETRE 48 SOUTH CANOL ROAD	28
08AE001	TESLIN RIVER NEAR TESLIN	31
08AE002	TESLIN LAKE AT TESLIN	30
08AE001	BIG SALMON RIVER NEAR CARMACKS	8
08AG002	SOUTH BIG SALMON RIVER BELOW LIVINGSTONE CREEK	28
08AH001	YUKON RIVER AT CARMACKS	35
08AH003	BIG CREEK NEAR THE MOUTH	4
08AH004	NORDENSKIOLD RIVER BELOW ROWLINSON CREEK	18
08BA001	ROSS RIVER AT ROSS RIVER	34
08BA002	PELLY RIVER BELOW FORTIN CREEK	21
08BB001	SOUTH MACMILLAN RIVER AT KILOMETRE 407 CANOL ROAD	27
08BB002	MACMILLAN RIVER NEAR THE MOUTH	18
08BC001	PELLY RIVER AT PELLY CROSSING	20
08BC004	PELLY RIVER BELOW VANSORDA CREEK	21
08CA002	KLUANE RIVER AT OUTLET OF KLUANE LAKE	13
08CA003	DONJEK RIVER BELOW KLUANE RIVER	7
08CA004	DUKE RIVER NEAR THE MOUTH	7
08CB001	WHITE RIVER AT KILOMETRE 1891.0 ALASKA HIGHWAY	33
08CB002	SHAG CREEK AT KM 1945.8 ALASKA HIGHWAY	26
08CD001	YUKON RIVER ABOVE WHITE RIVER	34
08DA001	HESS RIVER ABOVE EMERALD CREEK	11
08DC003	STEWART RIVER ABOVE FRASER FALLS	27
08DC004	WAREHAM LAKE AT HEADS	33
08DC005	MAYO LAKE NEAR THE O	18
08DC006	STEWART RIVER NEAR	26
08DD003	STEWART RIVER AT THE MOUTH	28
08DD004	MCQUESTEN RIVER NEAR THE MOUTH	17
08EA003	KLONDIKE RIVER ABOVE BONANZA CREEK	12
08EA004	NORTH KLONDIKE RIVER NEAR THE MOUTH	16
08EA005	LITTLE SOUTH KLONDIKE RIVER BELOW ROSS CREEK	14
08EB001	YUKON RIVER AT DAWSON	38
08EB003	INDIAN RIVER ABOVE THE MOUTH	12
08EC002	FORTYMILE RIVER NEAR THE MOUTH	9
08ED001	YUKON RIVER AT EAGLE	38
09FA001	WHITESTONE RIVER NEAR THE MOUTH	33
09FB001	PORCUPINE RIVER BELOW BELL RIVER	22
09FB002	EAGLE RIVER AT DEMPSTER HIGHWAY BRIDGE	6
09FC001	OLD CROW RIVER NEAR THE MOUTH	10
09FD001	PORCUPINE RIVER AT OLD CROW	22
09FD002	PORCUPINE RIVER NEAR INTERNATIONAL BOUNDARY	23
10AA001	LIARD RIVER AT UPPER CROSSING	13
10AA002	TON CREEK AT KILOMETRE 34.0 ROBERT CAMPBELL HIGHWAY	31
10AA004	RANCHERIA RIVER NEAR THE MOUTH	33
10AA006	BIG CREEK AT KM 1054.8 ALASKA HIGHWAY	4
10AB001	FRANCES RIVER NEAR WATSON LAKE	10
10AB002	FRANCES LAKE AT KILOMETRE 171.4 ROBERT CAMPBELL HIGHWAY	9
10BD001	BEAVER RIVER BELOW WHITEFISH RIVER	3
10MA001	PEEL RIVER ABOVE CANYON CREEK	20
10MA002	OGILVIE RIVER AT KILOMETRE 197.0 DEMPSTER HIGHWAY	10
10MA003	BLACKSTONE RIVER NEAR CHAPMAN LAKE AIRSTRIP	5
10MB004	BONNET PLUME RIVER ABOVE GILLESPIE CREEK	6
10MD001	FIRTH RIVER NEAR THE MOUTH	8
10MD002	BABBAGE RIVER BELOW CARIBOU CREEK	3
	NORTHWEST TERRITORIES	
06NA001	NUELTIN LAKE NEAR SMITH BAY	83
06NB002	THLEWIAZA RIVER BELOW SEALHOLE LAKE	97
06ND001	KOGNAK RIVER BELOW MOUNTAIN LAKE	86
06NE001	THA-ANNE RIVER BELOW ROSEBLADE LAKE	85
06JC002	THELON RIVER ABOVE BEVERLY LAKE	86
06KC002	MARJORIE LAKE AT OUTLET	80
06KC003	DUBAWNT RIVER AT OUTLET OF MARJORIE LAKE	83
06KC004	DUBAWNT LAKE NEAR SNOW ISLAND	83
06LA001	KAZAN RIVER AT OUTLET OF ENNADAI LAKE	88
06LA002	ENNADAI LAKE AT ENNADAI	88
06LC001	KAZAN RIVER ABOVE E. KAZAN FALLS	86
06LC002	KUNWAK RIVER BELOW PRINCESS MARY LAKE	86
06LC003	SIRUAQ CREEK NEAR OUTLET TO KAZAN RIVER	81
06LC004	YATHKYED LAKE NEAR KAZAN RIVER INLET	104
06MA001	BAKER LAKE AT BAKER LAKE	42
06MA002	QINGUQ CREEK NEAR BAKER LAKE	88
06MA004	AKKUTUAK CREEK NEAR BAKER LAKE	37
06MA005	PRINCE RIVER NEAR BAKER LAKE	85
06MA008	THELON RIVER BELOW OUTLET OF SCHULTZ LAKE	88
06MA007	ANIGAQ RIVER BELOW AUDNA LAKE	38
06MB001	QUGICH RIVER ABOVE ST. CLAIR FALLS	88
06NB002	FERGUSON RIVER BELOW O'NEIL LAKE	85
06NC001	DIANA RIVER NEAR RANKIN INLET	52
08BA001	LORILLARD RIVER ABOVE DALY BAY	72
08BA006	BROWN RIVER ABOVE BROWN LAKE	44
08PA001	KIRCHOFFER RIVER NEAR CORAL HARBOUR	87
07QB001	HAY RIVER NEAR HAY RIVER	92
07QB002	GREAT SLAVE LAKE AT HAY RIVER	88
07QB008	HAY RIVER NEAR ALTA/NWT BOUNDARY	62
07PA001	BUFFALO RIVER AT HIGHWAY NO. 5	48
07PA002	WHITESAND RIVER NEAR ALTA/NWT BOUNDARY	103
07PB002	LITTLE BUFFALO RIVER BELOW HIGHWAY NO. 5	71
07PC001	BUFFALO RIVER NEAR ALTA/NWT BOUNDARY	47
07QA001	TALTSON RIVER AT OUTLET OF TSU LAKE	85
07QB002	SNOWDRIFT RIVER AT OUTLET OF SILTAZA LAKE	82
07QC003	THOA RIVER NEAR INLET TO HILL ISLAND LAKE	97
07QC004	MARTEN RIVER ABOVE THOA RIVER	81
07QD002	NONACHO LAKE NEAR SNOWDRIFT	82
07QD004	TALTSON RIVER ABOVE PORTER LAKE OUTFLOW	84
07QD006	PORTER LAKE OUTFLOW	84
07RC001	THONOKIED RIVER NEAR THE MOUTH	88

STATION NO.	NAME	PAGE
07BD001	LOCKHART RIVER AT OUTLET OF ARTILLERY LAKE	72
07BA002	SHARE RIVER BELOW GHOST RIVER	82
07BA004	INDIN RIVER ABOVE CHALCO LAKE	83
07BA005	WECHO RIVER AT OUTLET OF INGLIS LAKE	101
07BB001	GREAT SLAVE LAKE AT YELLOWKNIFE BAY	86
07BB002	YELLOWKNIFE RIVER AT OUTLET FROM PROSPEROUS LAKE	105
07BB003	YELLOWKNIFE RIVER AT INLET TO PROSPEROUS LAKE	104
07BB010	CAMERON RIVER BELOW REID LAKE	48
07BB012	DUNCAN LAKE NEAR YELLOWKNIFE	83
07BB013	BAKER CREEK AT OUTLET OF LOWER MARTIN LAKE	42
07BB014	PROSPEROUS LAKE NEAR McKENZIAN BAY	85
07BB016	BLUEFISH LAKE NEAR YELLOWKNIFE	84
07BC002	WALDRON RIVER NEAR THE MOUTH	101
07BC003	GREAT SLAVE LAKE AT RELIANCE	98
07TA001	LA MARTRE RIVER BELOW OUTLET OF LAC LA MARTRE	88
07TA002	LAC LA MARTRE AT LAC LA MARTRE	89
07TB001	EMILE RIVER AT OUTLET OF SADLER LAKE	84
07UC001	KAKISA RIVER AT OUTLET OF KAKISA LAKE	85
10EA002	FLAT RIVER NEAR THE MOUTH	68
10EA004	FLAT RIVER AT TUNGSTEN AIRSTRIP	68
10EB001	SOUTH NAHANNI RIVER ABOVE VIRGINIA FALLS	93
10EB002	MAC CREEK NEAR THE MOUTH	73
10EB003	LEMED CREEK ABOVE LITTLE NAHANNI RIVER	70
10EC001	SOUTH NAHANNI RIVER ABOVE CLAUDEN CREEK	93
10EC002	PRAIRIE CREEK AT CADILLAC MINE	84
10ED001	LIARD RIVER AT FORT LIARD	70
10ED002	LIARD RIVER NEAR THE MOUTH	71
10ED003	BIRCH RIVER AT HIGHWAY NO. 7	43
10ED008	RABBIT CREEK AT HIGHWAY NO. 7	87
10FA002	TROUT RIVER AT HIGHWAY NO. 1	89
10FB001	MACKENZIE RIVER NEAR FORT PROVIDENCE	78
10FB005	JEAN-MARIE RIVER AT HIGHWAY NO. 1	84
10GA001	ROOT RIVER NEAR THE MOUTH	89
10GB004	WILLOWLAKE RIVER ABOVE METANDALI CREEK	103
10GC001	MACKENZIE RIVER AT FORT SIMPSON	77
10GC002	HARRIS RIVER NEAR THE MOUTH	81
10GC003	MARTIN RIVER AT HIGHWAY NO. 1	81
10GC005	SAMNDAA CREEK AT HIGHWAY NO. 1	86
10HA002	TSICHU RIVER AT CARDL ROAD	100
10HA003	TWITYA RIVER NEAR THE MOUTH	100
10HB004	SILVERBERRY RIVER NEAR LITTLE BAL LAKE	90
10HB005	REDSTONE RIVER 93 km ABOVE MOUTH	88
10HC001	MACKENZIE RIVER NEAR WRIGLEY	80
10HC003	BIG SMITH CREEK NEAR HIGHWAY NO. 1	43
10HC006	BLACKWATER RIVER AT OUTLET OF BLACKWATER LAKE	44
10JA002	CAMBELL RIVER AT OUTLET OF CLUT LAKE	40
10JA004	ACASTA RIVER ABOVE LITTLE CRAPEAU LAKE	37
10JB001	JOHNNY HOE RIVER ABOVE LAC STE. THERESE	84
10JC003	GREAT BEAR RIVER AT OUTLET OF GREAT BEAR LAKE	88
10JD001	HALDANE RIVER NEAR THE MOUTH	88
10JD002	WHITEFISH RIVER NEAR THE MOUTH	102
10JE001	ILDAR RIVER NEAR THE MOUTH	81
10JE002	GREAT BEAR LAKE AT HORNBY BAY	86
10KA001	MACKENZIE RIVER AT NORMAN WELLS	76
10KA006	JUNGLE RIDGE CREEK NEAR THE MOUTH	88
10KA007	BOSWORTH CREEK NEAR NORMAN WELLS	45
10KB001	CARCAJOU RIVER BELOW IMPERIAL RIVER	49
10KC001	MOUNTAIN RIVER BELOW CAMBRIAN CREEK	82
10KD001	MACKENZIE RIVER AT SANS SAULT RAPIDS	74
10KD004	RAMPARTS RIVER NEAR FORT GOOD HOPE	97
10KD005	MACKENZIE RIVER ABOVE THE RAMPARTS	75
10KD006	MACKENZIE RIVER IN THE RAMPARTS	75
10LA002	ARCTIC RED RIVER NEAR THE MOUTH	38
10LA004	WELDON CREEK NEAR THE MOUTH	103
10LC002	MACKENZIE RIVER (EAST CHANNEL) AT INUVIK	74
10LC003	REINDEER RIVER BELOW HIGHWAY NO. 8	68
10LC007	CARIBOU CREEK ABOVE HIGHWAY NO. 8	60
10LC008	CABIN CREEK ABOVE HIGHWAY NO. 8	48
10LC010	ROOT CREEK NEAR INUVIK	88
10LC012	MACKENZIE RIVER (MIDDLE CHANNEL) AT TUKUKUK POINT	75
10LC013	MACKENZIE RIVER (EAST CHANNEL) ABOVE K[illegible]IGAJUIT BAY	73
10LC014	MACKENZIE RIVER AT ARCTIC RED RIVER	79
10LD001	MACKENZIE RIVER AT FORT GOOD HOPE	77
10MC002	PEEL RIVER ABOVE FORT McPHERSON	83
10MC007	RAT RIVER NEAR FORT McPHERSON	83
10MC011	MACKENZIE RIVER (REINDEER CHANNEL) AT ELLICE ISLAND	75
10NA001	CARNWATH RIVER BELOW ANDREW RIVER	60
10NC001	ANDERSON RIVER BELOW CARNWATH RIVER	38
10RD002	TRAIL VALLEY CREEK NEAR INUVIK	88
10RD004	WANG CREEK ABOVE ESKIMO LAKES	81
10PB001	COPPERMINE RIVER AT OUTLET OF POINT LAKE	81
10PC001	KENDALL RIVER NEAR OUTLET OF DISMAL LAKES	87
10PC002	ATITOK CREEK NEAR DISMAL LAKES	40
10PC004	COPPERMINE RIVER ABOVE COPPER CREEK	81
10QA001	TREE RIVER NEAR THE MOUTH	88
10QC001	BURNSIDE RIVER NEAR THE MOUTH	47
10QC003	GORDON RIVER NEAR THE MOUTH	87
10QD001	ELLICE RIVER NEAR THE MOUTH	84
10RA001	BACK RIVER BELOW BEECHY LAKE	41
10RA002	BAILLIE RIVER NEAR THE MOUTH	41
10RC001	BACK RIVER ABOVE HERMAN RIVER	40
10SB001	HAYES RIVER ABOVE CHANTREY INLET	83
10TF001	FRESHWATER CREEK NEAR CAMBRIDGE BAY	87
10UH001	SYLVIA GRINNELL RIVER NEAR IQALUIT	84
10UH003	APEX RIVER AT APEX	38